

THE
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QUARTERLY

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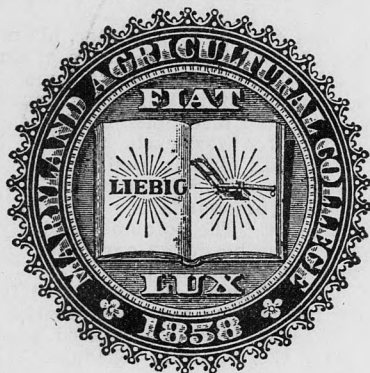
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FERTILIZER ANALYSES

H. J. PATTERSON, President

H. B. McDONNELL, State Chemist



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ADDRESS

Chemical Department, Maryland Agricultural College
COLLEGE PARK, MD.

ANALYSES OF

Fertilizers Sold in Maryland

BY THE CHEMICAL DEPARTMENT OF

The Maryland Agricultural College

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The tables on the following pages are made up of the results of the Analysis of fertilizers made at the College from February to July, 1915, inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars or stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer, his name, or initials, will be found after the "place of sampling." If "place of sampling is not given, the sample has been made up of two or more samples taken at different places. Before sending samples of fertilizer for analysis, farmers should always send for blank forms and directions, stating the number of blanks wanted. One blank is required for each sample. No sample will be analyzed unless the proper blank form is used.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid," are percentages, or pounds per hundred. To get pounds per ton multiply the per cent by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential parts of the guarantee as stamped on the bags.

The "Comparative Value Found" is calculated from the results of analysis as found in our laboratory: the "Comparative Value Guaranteed" is calculated from the manufacturers' guaranteed analysis as printed on the bags; in each case using the following schedule:

SCHEDULES FOR CALCULATING COMPARATIVE VALUES.

In Mixed Fertilizers:

For Nitrogen, calculated as Ammonia.....	20	cts. per pound
†For potash (K ₂ O).....	10	cts. per pound
For Available Phosphoric Acid.....	5	cts. per pound
For Insoluble Phosphoric Acid.....	2	cts. per pound
For Insoluble Phosphoric Acid when from rock.....	1	ct. per pound

In Dissolved Rock:

Available Phosphoric Acid.....	3½	cts. per pound
Insoluble Phosphoric Acid.....	1	ct. per pound

In Tankage:

For Nitrogen, calculated as Ammonia.....	20	cts. per pound
For Phosphoric Acid.....	2½	cts. per pound

In Ground Bone:

For Nitrogen, calculated as Ammonia.....	20	cts. per pound
For Phosphoric Acid.....	3	cts. per pound

*Resigned August 1.

†See note on next page.

The comparative values given in the tables are not claimed to be the proper prices paid for the various fertilizers at place of sale or use. They were revised early in the present season, about February 1, and at that time were intended to be very near the price at which fertilizers might be obtained in Baltimore for cash. It has been found that for some years prior to that time there had been a slight decline in the price of plain phosphate, and for this reason the comparative value per pound of available phosphoric acid was reduced from 6 to 5 cents in mixed fertilizers and from $4\frac{1}{2}$ to $3\frac{1}{2}$ cents in dissolved rock. Since that time, however, prices on phosphates have been somewhat advanced so that the prices above are rather low for phosphates.

On account of the scarcity of potash, the comparative value was doubled at the time mentioned, i. e., from 5 cents per pound to 10 cents per pound, which was from \$1.00 per "unit" to \$2.00 per "unit," a "unit" being 1% on the ton basis or 20 pounds of the actual ingredient, whatever it may be. Since that time, however, there has been practically no importations of potash and prices have rapidly advanced. At this writing, but little of it is changing hands, and that at prices between \$250.00 and \$275.00 per ton for muriate of potash. At this rate, the commercial value of potash in fertilizers should be more than doubled from the above schedule or it should be at least \$5.00 per unit, that is to say, every per cent of actual potash in a ton of fertilizer is worth commercially about \$5.00. It should be plainly stated, however, that potash is not worth this amount of money to the Maryland farmer.

POTASH TOO EXPENSIVE FOR AGRICULTURE. FARMERS SHOULD NOT USE IT AT PRESENT PRICES.

It is evident that potash at the present prices is entirely too expensive to be used in fertilizers, and the price is rapidly advancing, due to the exhaustion of potash supplies in the country, which are now very low indeed. Fertilizers containing potash for the fall trade will contain but very small amounts and in many cases only a fraction of a per cent. In other words, the potash content will be reduced to a point where the potash, so far as the amount is concerned, is for practical purposes a joke. One-fourth or one-half per cent of potash when fertilizer is applied at 200 or 300 pounds per acre will make less than a pound of actual potash to the acre. This is too small an amount to have any practical benefit. It should be remembered that most soils contain an abundance of potash provided it can be made available. In nature, fortunately, potash like other plant foods is liberated but slowly from the soil, hence, it is impossible to remove the entire amount of potential plant food. In Bulletin No. 70 of the Maryland Experiment Station we find that potash in Maryland soils is rarely less than 1% and in some cases will be found to be as high as 5%, the average being in the neighborhood of 2%. The problem for the Maryland farmer is by making proper use of the agencies within his control, by the use of fertilizers other than potash, by the use of lime when required, rotation of crops, growing of legumes and thorough cultivation, to make available so far as possible the potash already in the soil.

It will be noted that a larger number than usual of the fertilizers in this bulletin are marked "low grade." This is due to the fact that the percentage of potash has been reduced in most brands. The law requires that the bags containing the following fertilizers be marked "low grade" in addition to the usual guarantee:—

(a) Acid phosphate (dissolved rock) containing less than 14% of available phosphoric acid.

(b) Phosphate and potash with less than 2% of potash or with less than 12% of potash and available phosphoric acid combined. Thus a "10 & 2" fertilizer just escapes the "low grade" class.

(c) Any ammoniated fertilizer with less than 1% of ammonia, or its equivalent in nitrogen, or less than 1% of potash, if potash is claimed to be present, and less than 10% of ammonia, potash and available phosphoric acid combined. Thus, a "1-8-1" fertilizer just escapes the "low grade" class.

We recommend in all cases fertilizers with high analyses. In using a high grade fertilizer, one avoids a useless filler. In this connection, we would refer to pages 30, 31 and 32 of "Quarterly" No. 67, February, 1915.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton Found.	Comparative Value Per Ton Guaranteed.		
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
31217	Alphano Humus Co., New York, N. Y.	Baltimore	† .68	1.50	.60	.50	*1.28	*.50	.....	.....	\$ 4.56	\$7.25
31002	Alphano Humus (Low Grade)	o., New York, N. Y.	.....	.....	.....	.....	1.25	.....	13.73	14.00	9.86	9.80
31025	American Agricultural Chemical Co.	Baltimore	.....	.....	.....	.....	1.85	.....	16.11	16.00	11.45	11.20
31109	Acid Phosphate 14%	Baltimore	.....	.....	.....	.....	1.01	1.00	13.02	13.00	9.31	9.30
31293	Basic Lime Phosphate	Baltimore	.60	.50	1.84	2.00	.83	.....	8.54	8.00	14.95	14.00
31302	Dead Shot Phos. (Low Grade)	Baltimore	.....	.....	2.28	2.00	1.48	.....	8.16	8.00	10.57	9.60
31342	Diam'd State Phos. & Pot. (L. G.)	Baltimore	.....	.....	.....	.....	1.98	.....	12.41	12.00	23.32	22.00
31314	Dissolved Animal Bone	Baltimore	2.53	2.50	2.16	2.00	.63	.....	7.02	8.00	9.36	9.60
31314	Dissolved Phos. & Pot. (Low G.)	Baltimore	.....	.....	.....	.....	*6.04	*6.00	.....	.....	43.90	43.00
31131	Dry Ground Fish	Baltimore	10.22	10.00	.....	.....	*22.75	*22.88	.....	.....	23.86	23.34
31020	Fine Ground Bone	Baltimore	3.12	3.00	.....	.....	*14.12	*13.73	.....	.....	31.10	30.87
31006	Ground Tankage	Baltimore	6.01	6.00	2.16	2.00	1.00	.....	9.79	10.00	11.37	11.00
31283	Moro Phillips Alkaline Phos.	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31184	Nitrate of Soda	Baltimore	18.75	18.23	.....	.....	.....	.....	.....	.....	.....	.....
31113	Pure Raw Bone	Baltimore	4.56	4.50	.....	.....	.....	.....	.....	.....	.....	.....
31211	Spec. Gem. Alkaline Phos. (L. G.)	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31287	Special Mixture	Betterton	1.08	1.00	1.12	1.00	.50	.....	10.53	10.00	9.71	9.00
31132	Special Potash Mixture	Baltimore	2.13	2.00	3.04	3.00	1.30	.....	8.01	8.00	18.93	18.00
31167	Tip Top Fertilizer	Baltimore	1.06	1.00	2.92	3.00	.78	.....	6.36	6.00	21.03	20.00
	A. A. C. Co. (Canton), Baltimore, Md.	d.	.....	.....	3.04	3.00	1.10	.....	8.02	8.00	18.78	18.00
31199	Baker's Fish Guano	Baltimore	2.03	2.00	2.04	2.00	1.43	.....	7.93	8.00	20.70	20.00

31308	Baker's Spec. Whit., C. & G. M. Baltimore	1.76	1.00	2.02	2.00	1.70	9.42	9.00	21.18	17.00
31011	Baker's Standard H. G. Guano. Baltimore	2.32	2.50	3.16	3.00	1.18	7.91	8.00	23.98	24.00
31374	Eagle Phosphate (Low Grade). Baltimore	1.04	1.00	1.08	1.00	1.30	7.15	7.00	14.03	13.00
31200	Harrow Brand Crop Grower. Baltimore	1.11	1.00	1.08	1.00	1.45	7.73	8.00	14.91	14.00
31238	Resurgam Guano Special. Baltimore	.97	1.00	3.08	3.00	1.13	8.31	8.00	18.80	18.00
31154	Soluble Phosphate & Potash. Baltimore	.....	.....	2.08	2.00	.58	10.50	10.00	11.63	11.00
31206	Soluble Phosphate & Potash. Baltimore	.....	.....	2.08	2.00	.50	11.77	10.00	12.50	11.00
31227	Spec. Potato & Veg. Manure. Baltimore	1.66	1.50	3.03	3.00	1.53	8.03	8.00	21.34	33.00
31273	Truckers' Delight Special. Baltimore	4.34	5.00	3.20	3.00	.90	8.20	7.00	33.12	33.00
31228	Truckers' Spec. 7% Guano - Rev. Baltimore	5.35	7.00	3.16	3.00	.90	7.20	9.00	37.28	43.00
A. A. C. Co. (Detrick), Baltimore, Md.										
31071	Corn & Oat Fertilizer. Baltimore	1.02	1.00	3.16	3.00	.91	9.03	9.00	19.79	19.00
31012	Gold Basis Special. Baltimore	6.51	7.00	3.12	3.00	.95	6.56	6.00	39.22	40.00
31072	Gold Eagle Special. Baltimore	3.52	3.50	3.08	3.00	.98	6.18	6.00	26.81	26.00
31056	Imperial Compound. Baltimore	1.19	1.00	2.24	2.00	1.15	8.22	8.00	17.92	16.00
31039	Kangaroo Komplete Compound. Baltimore	2.06	2.00	3.02	3.00	1.25	7.76	8.00	22.54	22.00
31269	P. & B. Special. Parkton.	.....	.....	1.86	2.00	1.20	12.27	12.00	12.55	12.40
31073	Royal Crop Grower. Baltimore	2.01	2.00	2.16	2.00	1.28	8.03	8.00	20.90	20.00
31229	Soluble Phosphate & Potash. Baltimore	.....	.....	2.06	2.00	1.00	10.32	10.00	11.54	11.00
31030	Spec. Quickstep Phosphate. Baltimore	2.33	3.00	3.26	3.00	1.10	8.02	8.00	26.70	26.00
31078	Special Truck. Baltimore	4.54	5.00	3.12	3.00	1.40	7.05	7.00	32.01	33.00
31395	Special Truck. Baltimore	4.51	5.00	3.26	3.00	1.45	7.08	7.00	33.42	33.00
31057	Standard Potash Fertilizer. Baltimore	1.06	1.50	3.10	3.00	1.05	9.22	8.00	20.08	20.00
31323	Victory Alkaline Bone Special. Baltimore	.....	.....	2.54	2.00	1.25	13.33	14.00	14.66	13.80
A. A. C. Co. (Dudley & Carpenter), Baltimore, Md.										
31336	California Tobacco Compound. Baltimore	3.65	4.00	2.48	2.00	1.70	8.74	8.00	28.98	28.00
31019	Special Tobacco Standard. Baltimore	8.83	10.00	3.03	3.00	1.08	5.80	5.00	47.61	51.00
31385	Spec. Tobacco Stand. Guano. Baltimore	8.87	10.00	2.70	3.00	1.20	5.38	5.00	46.74	51.00
31168	Special Wheat Mixture. Baltimore	.....	.....	2.18	2.00	1.23	11.44	12.00	12.62	12.40
A. A. C. Co. (Lazaretto), Baltimore, Md.										
31214	Ammoniated Phosphate. Baltimore	1.13	1.00	2.24	2.00	1.40	8.02	8.00	17.58	16.00
31196	Complete Truck. Betterton.	3.79	4.00	3.16	3.00	2.10	9.42	10.00	31.74	32.00
31034	Crop Grower. Baltimore	1.93	2.00	2.18	2.00	1.30	8.02	8.00	20.62	20.00
31176	Dissolved Phosphate & Potash. Baltimore	.....	.....	2.10	2.00	.78	9.88	10.00	11.28	11.00
31024	Early Truck Special. Baltimore	4.83	5.00	3.06	3.00	1.25	7.53	7.00	33.47	33.00
31133	Extra Ammoniated Phosphate. Baltimore	1.01	1.00	3.22	3.00	1.10	7.86	8.00	18.78	18.00
31274	Farmers Reliable. Baltimore	2.04	2.00	3.18	3.00	1.40	7.77	8.00	22.85	22.00

*Total Phosphoric Acid.

†This "Humus" is dried peat in which the nitrogen (ammonia) is of low availability. The available ammonia being but 0.68%, the total being 2.15%. Our law requires that nitrogen in fertilizers be in an available form.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton	Comparative Value Per Ton Guaranteed.		
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
31317	A. A. C. Co. (Lazaretto), Baltimore,	Md.	2.27	2.25	3.24	3.00	2.65	4.50	10.79	9.00	\$27.41	\$25.80
31177	Forsythe & Linthicum Mix. Rev.	Ellicott City.....	.....	.....	2.08	2.00	1.25	.....	11.53	12.00	12.48	12.40
31284	H. G. Phosphate & Potash.	Baltimore.....	.....	.....	3.06	3.00	2.65	.....	9.19	9.00	27.09	25.80
31255	Retriever Ani. Bone Fert. Spec.	Baltimore.....	.....	.....	3.10	3.00	2.88	4.50	10.70	9.00	27.13	25.80
31085	Special Mixture.....	Providence.....	.....	.....	2.92	3.00	1.13	.....	8.40	8.00	26.97	26.00
31058	Special Tobacco & Potato Fert.	Baltimore.....	.....	.....	3.03	3.00	1.20	.....	7.92	8.00	20.94	20.00
	Tomato Compound.....	Baltimore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31178	A. A. C. Co. (Maryland), Baltimore,	Md.	2.01	2.00	3.04	3.00	1.45	.....	7.64	8.00	22.34	22.00
31371	Ammoniated Phosphate.....	Baltimore.....	.85	1.00	2.26	2.00	1.18	.....	7.20	8.00	15.59	16.00
31048	O. K. Ammoniated Fertilizer...	Baltimore.....	2.34	2.50	2.52	2.50	.90	.....	10.81	10.00	25.57	25.00
	Special Mixture—Revised.....	Baltimore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31380	A. A. C. Co. (Nickerson), Easton,	Md.	.....	.....	2.05	2.00	1.10	.....	12.02	12.00	12.73	12.40
31079	Bone & Potash Mixture.....	Baltimore.....	.....	.....	3.04	3.00	.85	.....	7.28	7.00	32.26	33.00
31201	Early Queen.....	Baltimore.....	4.64	5.00	2.92	3.00	1.15	.....	8.09	8.00	22.47	22.00
31013	Eastern Shore Domestic Guano	Baltimore.....	2.03	2.00	2.86	3.00	1.33	.....	8.44	8.00	26.89	26.00
31080	Fish, Bone & Potash Special...	Baltimore.....	3.05	3.00	3.06	3.00	1.10	.....	5.75	6.00	39.27	40.00
31337	H. G. Vegetable Compound.....	Baltimore.....	6.74	7.00	2.06	2.00	1.00	.....	7.59	8.00	14.71	14.00
31337	Mixture (Low Grade).....	Baltimore.....	.65	.50	2.06	2.00	1.00	.....	7.59	8.00	14.71	14.00
31408	Tomato Fertilizer Special.....	Baltimore.....	1.06	1.00	2.72	3.00	1.20	.....	8.71	9.00	18.87	19.00
31114	A. A. C. Co. (Reese), Baltimore, M d.		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31114	Potato & Truck Spec.—Revised.	Baltimore.....	4.01	4.00	3.04	3.00	1.53	.....	9.58	10.00	32.33	32.00
31115	Special Potato & Truck Manure.	Baltimore.....	2.64	2.50	3.01	3.00	.90	.....	8.68	8.00	25.62	24.00

FERTILIZER ANALYSES.

A. A. C. Co. (Slingluff), Baltimore, Md.											
31014	Tobacco Plant Bed Fertilizer.....	Baltimore	8.31	10.00	2.54	2.50	.83	5.27	4.00	43.92	49.00
31384	Tobacco Plant Bed Fertilizer.....	Baltimore	8.79	10.00	2.44	2.50	.95	4.66	4.00	45.08	49.00
31049	Top Dresser.....	Baltimore	5.72	5.00	2.58	2.50	.43	5.52	5.00	33.73	30.00
A. A. C. Co. (Susquehanna), Baltimore, Md.											
31372	Alkaline Phosphate.....	Baltimore			2.18	2.00	.70	9.50	10.00	11.15	11.00
31278	Ammoniated Phosphate.....	Baltimore	2.05	2.00	2.04	2.00	1.20	8.01	8.00	20.77	20.00
31316	Crop Grower (Low Grade).....	Baltimore	1.04	1.00	1.46	1.00	1.30	7.15	7.00	14.75	13.00
31143	Potato Phosphate Special.....	Baltimore	2.35	2.50	3.05	3.00	1.03	8.56	8.00	24.47	24.00
31365	Spec. Pot. & Tob. Man.—Rev.....	Baltimore	1.96	2.00	2.84	3.00	1.73	8.79	9.00	23.02	23.00
31015	Stand. H. G. Truck Man.—Spec.....	Baltimore	4.10	4.00	3.02	3.00	1.13	10.65	10.00	33.54	32.00
A. A. C. Co. (Tygart Allen), Philadelphia, Pa.											
31125	Star Brand Phosphate.....	Baltimore	2.35	2.50	3.04	3.00	.90	8.54	8.00	24.38	24.00
31303	Star Soluble Phos. & Potash.....	Baltimore			2.16	2.00	1.00	10.32	10.00	11.74	11.00
A. A. C. Co. (Wheeler), Rutland, Vt.											
31331	High Grade Acid Phosphate.....	Baltimore					1.85	15.32	16.00	11.09	11.20
31191	Potato Manure.....	Baltimore	2.47	2.50	3.08	3.00	1.75	7.84	8.00	24.58	24.00
31366	Royal Wheat Grower.....	Baltimore	1.11	1.00	2.28	2.00	1.50	7.65	8.00	17.25	16.00
31086	Special Tomato Fertilizer.....	Baltimore	1.02	1.00	1.40	1.00	1.10	8.14	8.00	15.46	14.00
31205	Wheat & Clover Fertilizer.....	Baltimore			2.12	2.00	.98	9.59	10.00	11.15	11.00
A. A. C. Co. (Williams & Clark), Baltimore, Md.											
31069	High Grade Special.....	Pocomoke City	7.18	7.00	5.03	5.00	1.05	6.07	6.00	45.27	44.00
A. A. C. Co. (Zell), Baltimore, Md.											
31144	Ammoniated Super-Phosphate.....	Baltimore	1.76	2.00	2.16	2.00	1.25	8.11	8.00	19.97	20.00
31145	Economizer Phosphate.....	Baltimore	1.04	1.00	2.16	2.00	1.40	7.45	8.00	16.53	16.00
31022	Electric Phosphate.....	Baltimore			2.24	2.00	.78	10.06	10.00	11.68	11.00
31294	H. G. Phosphate & Potash.....	Baltimore			2.18	2.00	1.13	11.84	12.00	12.88	12.40
31309	Hustler Phosphate.....	Baltimore	1.13	1.00	3.24	3.00	1.45	8.94	9.00	20.52	19.00
31375	Little Treasure (Low Grade).....	Laurel	.92	1.00	1.42	1.00	1.08	7.02	7.00	13.97	13.00
31185	Special Compound—Revised.....	Baltimore	3.07	3.00	2.92	3.00	1.38	8.31	8.00	26.98	26.00
31310	Truck Grower Special.....	Baltimore	5.03	5.00	3.10	3.00	1.25	7.72	7.00	34.54	33.00
31270	Truck Manure.....	Owings Mills	2.35	2.50	2.82	3.00	1.00	8.96	8.00	24.40	24.00
American Fertilizing Co., Baltimore, Md.											
31060	Alk. Super-Phos. (Low Grade).....	Baltimore			2.02	2.00	1.25	8.82	8.00	10.46	9.60
31007	Ammoniated Bone Compound.....	Baltimore	1.37	1.00	2.28	2.00	1.30	7.64	8.00	18.20	16.40
31338	Ammoniated Bone Compound.....	Wingate Pt.	1.02	1.00	2.02	2.00	1.20	8.44	8.00	17.04	16.40

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton	Comparative Value Per Ton		
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
American Fertilizer Co., Baltimore, Md.												
31050	Bob White Emergency Com.	Baltimore	1.62	1.50	3.80	3.00	1.20	1.00	8.68	9.00	\$23.24	\$21.40
31051	Dissolved Bone & Potash.	Baltimore	2.03	2.00	1.70	2.00	1.50	1.00	10.41	10.00	10.99	11.00
31367	Eagle Crop Grower.	Baltimore	2.87	3.00	3.34	3.00	.93	1.00	8.57	8.00	21.42	20.40
31091	Eagle Guano.	Baltimore	3.85	4.00	3.14	3.00	1.20	1.00	8.28	8.00	26.81	26.40
31275	Eagle Truck & Veg. Manure.	Baltimore	3.85	4.00	3.14	3.00	1.20	1.00	8.59	8.00	30.75	30.40
31061	Fish & Bone Compound.	Baltimore	2.05	2.00	3.30	3.00	1.68	1.00	8.36	8.00	23.63	22.40
31239	Grain & Grass Grower.	Baltimore	1.21	1.00	3.46	3.00	1.30	1.00	9.09	9.00	21.37	19.40
31151	High Grade Acid Phosphate.	Baltimore	1.16	1.00	2.86	3.00	1.00	1.00	7.56	7.00	11.54	11.20
31231	H.G. Special Compound Guano.	Baltimore	4.27	5.00	2.02	2.00	1.75	1.00	12.02	12.00	18.32	17.40
31276	Premium Phosphate & Potash.	Baltimore	4.27	5.00	3.48	3.00	1.13	1.00	8.39	8.00	32.88	34.40
31240	Potato & Truck Compound.	Baltimore	.58	.50	3.54	3.00	1.08	1.00	7.37	7.00	17.20	15.40
31170	Spec. Com. Guano (Low Gr.)	Baltimore										
Armour Fertilizer Works, Baltimore, Md.												
31134	Acid Phosphate.	Baltimore							16.02	16.00	11.28	11.20
31152	Acidulated Bone Meal	Baltimore	2.04	2.00					10.83	11.00	19.61	19.00
31092	Champion	Baltimore	2.04	2.00	3.24	3.00	.93		9.08	9.00	24.09	23.00
31044	Claude Parks Big 13 (Low Gr.)	Baltimore	.58	.50	2.92	3.00	.72		13.02	13.00	21.47	21.00
31288	Claude Parks Spec. Form. (L.G.)	Tolchester			2.03	2.00	.48		9.13	8.00	10.55	9.60
31009	Crop Grower.	Baltimore	1.01	1.00	2.04	2.00	1.03		7.53	8.00	16.06	16.00
31135	Farmers' Choice.	Baltimore	1.01	1.00	3.30	3.00	.40		9.21	9.00	20.01	19.00
31093	5-8-3.	Baltimore	4.85	5.00	3.40	3.00	.78		7.59	8.00	34.10	34.00
31348	5-6-5 Fertilizer.	Pocomoke City	4.85	5.00	5.48	5.00	1.10		5.69	6.00	36.49	36.00

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31031	4-8-3.....	Baltimore.....	3.86	4.00	3.04	3.00	.98	8.04	8.00	29.95	30.00
31146	Phosphate & Potash.....	Baltimore.....			2.06	2.00	.63	12.42	12.00	12.94	12.40
31126	Phosphate & Potash No. 1.....	Baltimore.....	.....	.....	1.92	2.00	.25	10.03	10.00	10.91	11.00
31159	Raw Bone Meal.....	Baltimore.....	.....	.....	.....	.....	*21.90	.....	.....	29.99	28.75
31136	Royal.....	Baltimore.....	4.76	4.50	.....	.....	.48	9.34	9.00	19.33	19.00
31304	Special Mixture (Low Grade).....	Baltimore.....	.94	1.00	3.02	3.00	.60	7.85	8.00	15.05	14.00
31430	7-6-3.....	Baltimore.....	.60	.50	2.23	2.00	.80	6.02	6.00	40.13	40.00
31032	Star Phosphate.....	Baltimore.....	7.02	7.00	2.88	3.00	.38	14.02	14.00	9.89	9.80
31147	3-8-3.....	Baltimore.....	2.80	3.00	3.03	3.00	.63	8.20	8.00	25.71	26.00
31431	Tobacco Special.....	Baltimore.....	2.80	3.00	3.14	3.00	.73	8.21	8.00	25.98	26.00
31008	Tomato Grower.....	Baltimore.....	2.03	2.00	2.02	2.00	.65	7.80	8.00	20.22	20.00
31195	2-10-2.....	Chestertown.....	1.91	2.00	1.92	2.00	1.10	11.33	10.00	23.25	22.00
31369	Wht., Corn & Oats Spec. (L.G.).....	Baltimore.....	1.02	1.00	1.04	1.00	.55	7.20	7.00	13.68	13.00
31116	Wheat Grower.....	Baltimore.....	2.02	2.00	3.10	3.00	.83	8.46	8.00	23.07	22.00
C. A. Baile & Co., Medford, Md.											
31325	Bone Phosphate No. 3.....	Medford.....	1.02	1.00	2.16	2.00	1.15	8.37	8.00	17.23	16.00
Baltimore Fertilizer Co., Baltimore, Md.											
31100	Honest Acid Phosphate.....	Baltimore.....	.....	.....	.....	.....	.80	14.20	14.00	10.10	10.20
31052	Honest Acid Phosphate.....	Baltimore.....	.....	.....	.....	.....	.93	15.06	16.00	10.71	11.40
31389	Honest Acid Phosphate.....	Baltimore.....	.....	.....	.....	.....	.78	15.67	16.00	11.13	11.40
31127	Honest A. K. Bone.....	Baltimore.....	.....	.....	1.18	1.00	.50	10.45	12.00	9.78	10.40
31398	Honest A. K. Bone.....	Boyd's.....	.....	.....	1.08	1.00	.75	11.81	12.00	10.88	10.40
31234	Honest Ammoniated Bone.....	Baltimore.....	1.86	2.00	2.03	2.00	.55	8.19	8.00	19.91	20.00
31160	Honest Bone & Potash.....	Baltimore.....	.....	.....	1.80	2.00	.78	10.17	10.00	10.88	11.00
31279	Honest Bone Phosphate.....	Baltimore.....	.....	.....	1.56	1.00	.55	8.17	7.00	15.27	10.00
31405	Honest Crop Grower.....	Lineboro.....	94	.25	1.40	1.00	1.43	7.83	8.00	16.24	14.00
31399	Honest Guano 7%.....	Pocomoke City.....	1.26	1.00	3.42	3.00	.68	6.48	6.00	35.23	40.00
31335	Honest Harvest.....	Baltimore.....	5.41	7.00	2.40	2.00	.75	7.94	8.00	19.92	17.00
31413	Honest Harvest.....	Lineboro.....	1.01	1.25	2.66	2.00	1.00	7.83	8.00	17.59	17.00
31094	Honest One, Seven & Three.....	Baltimore.....	.85	1.00	3.03	3.00	.43	7.13	7.00	16.76	17.00
31207	Honest Standard.....	Baltimore.....	1.95	1.25	2.66	3.00	.68	9.60	10.00	22.99	21.00
31292	Honest Tobacco & Pot. Grower.....	Baltimore.....	3.43	3.00	2.08	2.00	.40	9.61	10.00	27.65	26.00
31095	Honest Trucker.....	Baltimore.....	5.49	5.00	2.46	3.00	.35	8.26	8.00	35.28	34.00
31396	Honest Trucker.....	Baltimore.....	4.88	5.00	4.20	3.00	.60	7.13	8.00	35.29	34.00
31130	Old Honesty (Low Grade).....	Baltimore.....	1.18	1.00	.80	.50	.35	8.13	8.00	14.59	13.00
Baltimore Pulverizing Co., Baltimore, Md.											
31295	Ammoniated Butchers Bone.....	Baltimore.....	2.41	1.50	1.76	1.50	1.18	7.30	9.00	20.93	18.00

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.			Comparative Value Per Ton	Comparative Value Per Ton Guaranteed.	
			Found.	Guaranteed.	Found.	K ₂ O.	Insoluble.	Available.	Found.			Guaranteed.
Baltimore Pulverizing Co., Baltimore, Md.												
31117	Blood, Bone & Potash Mixture..	Baltimore	5.27	5.00	3.03	3.00	.35	.....	8.02	8.00	\$35.30	\$34.00
31000	Bone & Potash (Low Grade)....	Baltimore	.....	.....	1.92	2.00	.70	1.00	7.72	8.00	9.38	9.80
31208	Corn Grower.....	Baltimore	.....	.....	2.02	2.00	2.00	.....	10.19	12.00	11.57	12.40
31192	Farmers Fav. Fert. (Low Gr.)...	Baltimore	1.02	1.00	1.24	1.00	.93	.....	7.39	7.00	14.32	13.00
31406	Pennimans Excelsior.....	Baltimore	.....	.....	1.32	1.00	2.30	.....	10.32	12.00	10.67	10.40
31271	Royal Compound.....	Baltimore	2.37	2.00	2.06	2.00	.65	.....	8.04	8.00	21.90	20.00
31209	S. C. Phosphate.....	Baltimore	.....	.....	.....	.....	2.60	1.00	14.62	16.00	10.75	11.40
31233	Spec. Spr. & Fall Mix. (L. Gr.)...	Baltimore	.....	.....	1.34	1.00	.50	1.00	7.95	8.00	8.35	7.80
31026	Special Strawberry Compound....	Baltimore	3.16	4.00	2.42	2.00	1.10	.....	8.51	7.00	26.43	27.00
31110	Truckers Choice.....	Baltimore	2.49	3.00	1.96	1.50	.72	.....	8.02	8.00	22.19	23.00
Baugh & Sons Co., Baltimore, Md.												
31128	Acid Phosphate 16%.....	Baltimore	.....	.....	.....	.....	1.00	.....	16.18	16.00	11.53	11.20
31423	Acid Phosphate 16%.....	Mt. Airy	.....	.....	.....	.....	.30	.....	17.35	16.00	12.21	11.20
31102	Animal Base & Pot. Compound....	Baltimore	2.63	2.00	2.26	2.00	2.35	.....	7.38	8.00	23.32	20.00
31424	Animal Base & Pot. Compound....	Rockville.	2.17	2.00	2.42	2.00	1.68	.....	8.09	8.00	22.28	20.00
31016	Combination Animal Base Fert.	Baltimore	2.01	2.00	3.16	3.00	1.40	.....	10.09	10.00	25.01	24.00
31425	Combination Animal Base Fert.	Baltimore	1.90	2.00	3.32	3.00	3.05	.....	8.87	10.00	24.33	24.00
31137	Complete Ani. Base Fert. — Rev.	Baltimore	2.29	2.00	2.28	2.00	2.13	.....	8.44	10.00	23.01	22.00
31245	Crop Grower.....	Woodbine	1.02	1.00	1.42	1.00	1.30	.....	8.31	8.00	15.75	14.00
31081	Double Eagle \$25 Phosphate.....	Baltimore	1.88	2.00	1.40	1.00	1.20	.....	8.86	8.50	19.68	18.50
31426	Double Eagle \$25 Phosphate....	Hancock	2.06	2.00	1.42	1.00	1.30		8.01	8.50	19.57	18.50
31349	Early Trucker.....	Beaver Dam.	4.93	5.00	5.62	5.00	1.00		7.53	7.00	38.89	37.00

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31017	Excelsior Guano Revised.....	Baltimore.....	2.18	1.25	3.02	3.00	1.18	9.42	10.00	24.65	21.00
31280	Export Bone with Potash.....	Baltimore.....	2.42	2.00	2.40	2.00	*13.08	.....	.....	20.52	17.50
31053	Fine Ground Bone.....	Baltimore.....	3.31	3.00	.....	.....	*17.76	*11.00	.....	22.12	20.24
31087	Fish Mixture.....	Baltimore.....	2.39	2.00	.....	.....	1.75	.....	8.00	22.80	20.00
31427	Fish Mixture.....	Smithsburg.....	2.08	2.00	2.02	2.00	1.50	8.50	8.00	21.69	20.00
31062	General Crop Grower.....	Baltimore.....	1.54	1.00	2.28	1.00	1.05	8.29	8.00	16.78	14.00
31390	General Crop Grower.....	Willards.....	1.06	1.00	1.24	1.00	1.38	7.72	8.00	14.55	14.00
31003	Grand Rapid H. G. Guano.....	Baltimore.....	3.45	3.00	1.02	3.00	1.28	8.12	8.00	23.75	26.00
31428	Grand Rapid H. G. Guano.....	Trappe.....	3.34	3.00	3.16	3.00	1.73	7.23	8.00	27.44	26.00
31386	High Grade Acid Phosphate.....	Mt. Airy.....	4.02	4.00	3.08	.....	1.25	14.04	14.00	10.08	9.80
31179	H. G. Ammoniated Animal Base.....	Baltimore.....	.....	.....	.....	.....	1.58	10.77	10.00	27.48	26.00
31162	High Grade Potash Mixture.....	Baltimore.....	4.31	4.00	2.06	2.00	1.93	12.57	13.00	13.12	13.10
31096	H. G. Potato Grower—Revised.....	Baltimore.....	9.03	10.00	3.34	3.00	1.13	8.31	8.00	32.28	30.00
31028	New Process 10% Guano.....	Baltimore.....	2.06	2.00	2.54	2.50	85	5.61	5.00	47.15	50.00
31415	Old Stand By Dis. Animal Base.....	Whaleville.....	1.04	1.00	.....	.....	90	13.68	12.00	22.28	20.00
31392	Peninsula Grain Producer.....	Monrovia.....	11.86	10.00	3.02	3.00	1.25	8.81	9.00	19.51	19.00
31004	Peruvian Guano 10%.....	Baltimore.....	.....	.....	.....	.....	.....	.....	.....	47.44	40.00
31054	Peruvian Guano Sub.—Rev.....	Baltimore.....	5.03	5.00	3.24	3.00	1.13	8.02	8.00	35.05	34.00
31037	Potato Guano 7%—Revised.....	Baltimore.....	7.05	7.00	3.16	3.00	1.03	6.56	6.00	41.49	40.00
31088	Potato & Truck Special—Rev.....	Baltimore.....	3.19	3.50	3.16	3.00	80	10.12	10.00	29.52	30.00
31400	Pure Bone & Potash Compound.....	Forest Hill.....	3.33	3.00	3.20	3.00	*16.30	*15.00	.....	27.82	25.50
31038	Pure Dissolved Animal Bone.....	Baltimore.....	2.73	2.50	.....	.....	2.73	12.09	13.00	23.10	23.00
31193	Pure Steamed Bone.....	Baltimore.....	1.71	2.00	.....	.....	*27.56	*25.19	.....	20.62	20.60
31033	Raw Bone Meal.....	Baltimore.....	4.64	4.50	.....	.....	*21.03	*21.50	.....	29.07	28.75
31103	Soluble Alkaline Super-Phos.....	Baltimore.....	.....	.....	2.02	2.00	98	9.57	10.00	10.94	11.00
31429	Soluble Alkaline Super-Phos.....	Woodbine.....	.....	.....	2.04	2.00	1.40	10.92	10.00	12.00	11.00
31111	Spec. Potato Manure—Revised.....	Baltimore.....	1.88	2.00	2.74	2.00	1.30	10.55	10.00	24.03	24.00
31212	Strawberry Top Dresser.....	Baltimore.....	5.34	5.00	2.34	1.25	1.65	8.03	8.00	34.73	30.50
31005	Superlative Truck Grower.....	Baltimore.....	6.91	7.00	3.30	3.00	50	8.02	8.00	42.46	42.00
31138	Tomato Compound.....	Baltimore.....	2.18	2.00	2.34	2.00	1.25	10.07	10.00	23.97	22.00
31246	Wheat Fertilizer.....	Mt. Airy.....	2.01	2.00	2.40	2.00	1.90	7.76	8.00	21.36	20.00
R. P. Beckley, Half Way, Md.											
31343	Bone Mixture.....	Half Way.....	1.62	1.50	.....	.....	.70	13.53	14.00	20.29	20.00
Beck-Walker Co., Chestertown, Md.											
31289	Corn Phosphate.....	Chestertown.....	1.11	1.00	3.18	3.00	.80	9.02	9.00	20.14	19.00
31290	Good Drilling.....	Chestertown.....			2.05	2.00	1.00	11.96	13.00	12.67	13.10

*Total Phosphoric Acid.

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			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.		Available.				
							Found.	Guaranteed.	Found.	Guaranteed.			
Beck-Walker Co., Chestertown, Md.													
31323	Propagator.....	Chestertown.....	2.24	2.00	3.01	2.00	1.55	.....	7.39	8.00	\$22.99	\$20.00	
31324	Try Me Phos. (Low Grade).....	Chestertown.....	.56	.50	3.82	3.00	1.98	.....	8.62	9.00	19.29	17.00	
Berg Co., Philadelphia, Pa.													
31256	Raw Bone Fine.....	Rising Sun.....	4.22	3.64	.....	.....	*22.03	*22.00	.....	.....	27.82	25.56	
31379	High Grade Potato Manure.....	Annapolis.....	3.98	3.64	4.40	4.00	3.13	.....	8.49	8.00	34.43	30.56	
31360	Special Bone Manure.....	Perryman.....	3.16	2.43	2.66	2.00	2.08	.....	7.05	7.00	25.84	20.72	
31414	S. B. M. Standard Bone Manure.....	Annapolis.....	3.07	3.00	2.86	2.50	2.03	.....	8.59	8.00	27.40	25.00	
W. H. Bixler, Hagerstown, Md.													
31259	Animal Tankage.....	Hagerstown.....	6.40	5.00	.....	.....	*12.51	*12.00	.....	.....	31.86	26.00	
31260	Bone Phosphate.....	Hagerstown.....	2.80	2.00	1.20	1.00	7.35	.....	9.24	8.00	25.78	18.00	
F. W. Belgiano & Co., Washington, D. C.													
31248	Acid Phosphate.....	Baltimore.....	.....	.....	.....	.....	.95	.....	15.55	16.00	11.08	11.20	
31460	Acid Phosphate.....	Charl'te Hall (C.T.).....	.....	.....	.....	.....	2.03	.....	14.02	16.00	10.22	11.20	
Bowker Fertilizer Co., Baltimore, Md.													
31029	Potash or Staple Phosphate.....	Baltimore.....	1.11	1.00	3.34	3.00	1.20	.....	7.57	8.00	19.17	18.00	
31021	Potato & Vegetable Fert. Spec.	Baltimore.....	2.90	3.00	3.08	3.00	1.15	.....	9.74	10.00	27.96	28.00	
31281	Stockbridges Special No. 1.....	Baltimore.....	5.02	5.00	3.48	3.00	1.25	.....	7.64	8.00	35.18	34.00	
Bryant Fertilizer Co., Alexandria, Va.													
31171	Bone & Potash Mixture.....	Baltimore.....			2.44	2.00	1.40		10.04	10.00	12.19	11.00	
31401	Dissolved S. C. Bone.....	Seneca.....					.50		14.40	14.00	10.18	9.80	

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		5.05	4.50	2.20	2.00	*20.16	*20.60	8.03	8.00	30.28	28.30
31244	Fine Ground Pure Raw Bone...	2.29	2.00	2.20	2.00	.50	1.00	8.03	8.00	30.28	28.30
31129	Formula "P".....					1.10		17.23	16.00	12.28	11.20
31173	Phosphate 16%.....	2.03	2.00	3.36	3.00	1.90	1.00	8.35	8.00	23.95	22.40
31164	Regal Fish, Bone & Potash.....	1.31	1.00	3.23	3.00	1.10	1.00	8.46	8.00	20.58	18.40
31277	Special Fish Mixture.....	2.54	3.00	2.88	3.00	1.00	1.00	8.34	8.00	24.66	26.40
31296	Victor Tobacco Fertilizer.....										
	Herbert Bryant's Son, Alexandria, Va.										
31236	Empress Ammoniated Dis. Bone	1.02	1.00	1.30	1.00	.70		8.62	8.00	15.58	14.00
31237	Genuine Fish, Bone & Potash... Washington Grove.	1.79	2.00	3.50	3.00	.80		8.96	8.00	23.44	22.00
	C. C. Co. Thomas Fertilizer Works, Hagerstown, Md.										
31261	Atlas.....	1.02	1.00	2.72	3.00	.78		8.73	9.00	18.56	19.00
31262	Atlas Keystone Compound.....	1.01	1.00	4.36	4.00	.65		8.72	8.00	21.74	20.00
31265	Commonwealth.....			1.10	1.00	.48		10.85	11.00	9.90	9.70
31250	Dissolved Phosphate.....					.45		13.61	14.00	9.62	9.80
31403	Dissolved Phosphate.....					.70		15.46	16.00	10.96	11.20
31263	Eclipse.....			2.06	2.00	.48		11.46	12.00	12.24	12.40
31264	Empire.....	1.83	2.00	3.30	3.00	.98		11.53	12.00	25.84	26.00
31266	Excelsior.....	1.76	2.00	2.12	2.00	.85		9.72	10.00	21.34	22.00
31252	Fish, Bone & Potash.....	1.06	1.25	3.03	3.00	.80		6.91	7.00	17.53	18.00
31267	Golden Sheaf.....	1.01	1.00	1.02	1.00	1.00		3.07	8.00	14.55	14.00
31268	Valley Bone Mixture.....	1.93	2.00	2.22	2.00	.75		7.68	8.00	20.14	20.00
	Chesapeake Chemical Co., Baltimore, Md.										
31419	Dissolved Phosphate 16%.....					1.32		16.09	16.00	11.52	11.20
31330	Farmers Favorite.....	.77	1.00	3.43	3.00	1.05		9.29	7.00	19.75	17.00
31370	Fish Guano.....	3.17	3.00	3.52	3.00	1.25		7.85	8.00	28.02	26.00
31139	Fish Guano.....	3.07	3.00	3.30	3.00	.93		7.81	8.00	27.06	26.00
31155	National Crop Grower.....	1.93	2.00	2.20	2.00	2.50		7.70	8.00	20.82	20.00
	Columbia Guano Co., Baltimore, Md.										
31344	Acid Phosphate 14%.....					1.68		15.03	14.00	10.86	9.80
31345	Grass & Grain Grower.....			2.06	2.00	1.25		10.34	10.00	11.61	11.00
31347	Wheat, Corn & Grass Spec. Fert.	1.06	1.00	1.14	1.00	1.45		8.05	8.00	15.15	14.00
	Josiah Cope & Co., Baltimore, Md.										
31282	Acidulated Phosphate.....					1.38		14.05	14.00	10.12	9.80
31105	Ammoniated Phosphate.....	1.04	1.00	3.34	3.00	1.05		7.43	8.00	18.49	18.00
31378	General Mixture.....	2.27	2.25	3.03	3.00	1.33		8.68	9.00	24.33	24.00

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton Guaranteed.		
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.			
31285	Josiah Cope & Co., Baltimore, Md.	Baltimore.....	.....	.....	2.08	2.00	1.00	9.52	10.00	\$11.02	\$11.00
31198	Soluble Phosphate & Potash.....	Baltimore.....	2.18	2.00	2.05	2.00	1.15	8.06	8.00	21.34	20.00
31306	Special Ammoniated Mixture.....	Baltimore.....	3.12	3.00	.....	.....	*23.48	.....	.....	23.72	23.44
31169	Steamed Bone.....	Baltimore.....	1.08	1.00	1.02	1.00	1.15	8.09	8.00	14.91	14.00
	Wheat & Grass Special.....	Baltimore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	E. A. Corey, Worton, Md.										
31197	High Grade Potato No. 1.....	Chestertown.....	4.42	4.50	3.40	3.00	1.02	8.02	8.00	32.91	32.00
	L. E. P. Dennis & Son, Crisfield, Md.										
31122	Fish & Potash Mixture No. 1.....	Eden.....	2.87	3.00	5.03	5.00	1.48	7.69	7.00	29.82	29.00
31123	Fish & Potash Mixture No. 2.....	Eden.....	2.03	2.00	2.70	2.00	1.15	8.57	8.00	22.55	20.00
31218	Klondike Fish & Potash.....	Pittsville.....	1.21	1.00	1.73	2.00	1.78	7.70	8.00	16.81	16.00
31358	Potato Grower 7%.....	Crisfield.....	7.01	7.00	5.50	5.00	1.25	7.04	6.00	46.58	44.00
31070	Special Round Potato Mixture.....	Pocomoke City.....	4.78	5.00	5.78	5.00	1.80	8.21	7.00	39.21	37.00
31394	Special Round Potato Mixture.....	Stockton.....	5.19	5.00	5.74	5.00	1.35	7.77	7.00	40.55	37.00
31219	Truck & Tomato.....	Pittsville.....	2.68	3.00	3.06	3.00	1.30	8.06	7.00	25.42	25.00
	Draper Davis & Co., Milford, Del.										
31220	Fish Mixture.....	Girdletree.....	2.30	2.00	2.66	2.00	1.05	7.51	8.00	22.45	20.00
31221	Special Truck Phosphate.....	Girdletree.....	3.36	4.00	3.06	5.00	1.98	7.66	8.00	28.01	34.00
	Edelen Bros., Baltimore, Md.										
31315	Special Tobacco Guano.....	Baltimore.....	3.05	3.00	3.20	3.00	.95	8.58	8.00	27.56	26.00
31215	Special Wheat & Grain Mix.....	Baltimore.....	1.18	1.00	2.46	2.00	1.43	9.73	9.00	19.94	17.00

John A. Englar, Linwood, Md.											
31326	Acid Phosphate 16%	Linwood	1.11	1.00	2.02	.....	.28	16.73	16.00	11.77	11.20
31327	Ammoniated Bone No. 2	Linwood	.....	.....	.....	2.00	1.55	8.21	8.00	17.31	16.00
Eureka Chemical Co., Baltimore, Md.											
31361	Crop Grower (Low Grade)	Perryman	.....	.....	.52	.50	.93	9.53	10.00	7.90	8.10
31257	Fish & Potash (Low Grade)	Rising Sun	.65	.50	.53	.50	.60	8.34	8.00	12.34	11.20
31362	Grain & Grass (Low Grade)	Perryman	.84	1.00	.78	.50	.70	8.39	8.00	13.59	13.20
31363	Grain & Grass No. 7	Perryman	1.25	1.00	1.53	2.00	.90	9.44	8.00	17.96	16.40
31364	Soluble Phosphate	Perryman	.....	.....	.....	.....	1.24	14.02	14.00	10.06	9.90
W. S. Farmer & Co., Baltimore, Md.											
31039	Anne Arundel Truckee Spec	Baltimore	5.53	5.00	3.12	3.00	1.03	6.39	7.00	35.36	33.00
31055	B. & P. Phosphate	Baltimore	.....	.....	2.04	2.00	.73	9.77	10.00	11.07	11.00
31313	Bone & Potash	Baltimore	.....	.....	2.06	2.00	1.30	11.63	12.00	12.52	12.40
31089	Clyde Brand	Baltimore	1.13	1.00	2.24	2.00	1.08	7.70	8.00	17.33	16.00
31418	Dissolved S. C. Phosphate	Baltimore	.....	.....	.....	.....	1.38	14.02	14.00	10.09	9.80
31311	Fish Mixture	Baltimore	2.01	2.00	2.04	2.00	1.43	7.70	8.00	20.39	20.00
31090	Harvest Queen	Baltimore	1.31	1.25	3.03	3.00	1.25	3.47	9.00	20.27	20.00
31186	Pelican Guano—Rev. (L. Gr.)	Baltimore	.61	.50	2.08	2.00	.70	8.33	8.00	15.21	14.00
31376	Potato Guano Special 7%	Baltimore	6.74	7.00	3.14	3.00	.88	6.05	6.00	39.64	40.00
31018	Standard Phosphate	Baltimore	2.53	2.63	2.28	2.50	1.23	9.79	10.00	25.16	25.52
31118	Top Dresser	Baltimore	5.03	5.00	2.43	2.00	.53	6.09	5.00	30.40	29.00
Farmers' Fertilizer & Feed Co., Westminster, Md.											
31350	Carroll Bone (Low Grade)	Westminster	.85	.75	2.23	2.00	.93	7.91	7.00	16.26	14.40
31351	High Grade Phosphate	Westminster	2.10	2.00	2.34	2.00	2.10	11.03	11.00	24.95	23.40
31352	No. 2 Bone Phosphate	Westminster	2.12	2.00	2.80	2.00	1.53	9.26	9.00	24.07	21.00
31353	No. 3 Bone Phosphate	Westminster	1.66	1.00	2.23	3.00	1.90	8.68	8.00	20.64	18.40
31323	XX Bone Phosphate	New Windsor	.94	1.00	2.46	2.00	1.33	9.38	9.00	18.59	17.40
Farmers' Supply Co., Westminster, Md.											
31354	Parr Ridge (Low Grade)	Westminster	.85	.50	1.73	2.00	1.05	9.66	8.00	17.04	14.00
31355	Standard	Westminster	1.30	1.00	2.54	2.00	1.15	9.39	9.00	20.14	17.00
Farmers' & Planters Co., Salisbury, Md.											
31040	Early Vegetable Mixture	Pocomoke City	5.75	5.00	5.60	5.00	1.15	6.34	6.00	41.00	36.00
31388	Early Vegetable Mixture	Beaver Dam	5.27	5.00	5.06	5.00	2.05	6.13	6.00	38.15	36.00
31356	Fish Mixture	Whaleyville	1.59	2.00	2.01	2.00	1.75	8.56	8.00	19.64	20.00
31124	General Crop Grower	Westover	.90	1.00	2.14	2.00	.65	9.77	10.00	17.91	18.00
31373	High Grade Potash	Showells	.....	.....	2.26	2.00	1.00	11.66	12.00	12.63	12.40

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.				Comparative Value Per Ton	Comparative Value Per Ton Guaranteed.
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.		Available.			
31225	Farmers & Planters Co., Salisbury,	Md.	5.81	7.00	2.96	3.00	1.05	.....	6.65	6.00	336.23	40.00
31041	High Grade 7% Mixture	Showells	6.64	7.00	5.84	5.00	1.50	.....	6.26	6.00	45.10	44.00
31226	High Grade 7% Mixture	Pocomoke City	2.59	4.00	5.36	5.00	1.58	.....	8.49	6.00	30.20	32.00
31357	Melon Special	Salisbury	.73	.50	1.72	2.00	1.20	.....	8.17	8.00	15.01	14.00
31222	Peerless (Low Grade)	Pittsville	2.05	2.50	4.96	5.00	1.30	.....	9.06	8.00	27.70	28.00
31357	Special Fish Mixture	Girdletree	3.53	3.50	4.04	4.00	1.30	.....	7.85	8.00	30.57	30.00
31397	Truckers Mixture	Eden.....										
31223	Chas. A. Green, Philadelphia, Pa. Extra H. G. Potato Guano.	Eden.....	3.84	4.00	2.84	3.00	2.00	.....	7.72	8.00	29.56	30.00
	Griffith & Boyd Co., Baltimore, Md.											
31307	Alkaline Mixture (Low Grade) .	Baltimore	1.91	2.00	1.04	1.00	1.68	.....	11.37	10.00	10.38	9.00
31149	Animal Bone with Potash.....	Baltimore	4.76	5.00	3.78	3.00	1.40	.....	9.84	9.00	23.60	23.00
31104	Blood, Bone & Potash	Baltimore	1.02	1.00	2.30	2.00	2.35	.....	8.22	8.00	34.85	34.00
31258	Cereal Plant Food	Colorado	1.81	3.00	.....	.....	93	.....	10.98	8.00	17.84	16.00
31331	Double Strength Tob. Grower ..	Baltimore	1.13	1.50	3.02	3.00	98	.....	8.82	8.00	18.59	20.00
31187	Farmers Potato & Tomato	Baltimore	1.86	1.75	3.56	3.00	1.83	.....	7.90	7.00	22.59	20.00
31046	Fish, Bone & Potash	Baltimore	1.85	1.00	3.48	3.00	1.50	.....	9.78	9.00	20.74	19.00
31242	Harvest Queen Phosphate	Deals Island .....	.....	.....	.....	.....	85	.....	14.80	14.00	10.53	9.80
31140	High Grade Acid Phosphate	Baltimore .....	.....	.....	.....	.....	40	.....	16.23	16.00	11.44	11.20
31410	High Grade Acid Phosphate	Chewsville .....	.....	.....	1.04	1.00	2.65	.....	8.70	8.00	8.70	7.60
31180	Little Gem (Low Grade)	Baltimore .....	.....	.....	2.02	2.00	1.73	.....	8.60	8.00	15.77	14.00
31065	Peerless Fertilizer (Low Grade) ..	Baltimore	.61	.50								

31066	Potato Guano 7 %	Baltimore	7.73	7.00	4.16	5.00	.33	6.20	6.00	45.57	44.00
31393	Potato Guano 7 %	Berlin	6.95	7.00	4.42	5.00	.58	6.59	6.00	43.46	44.00
31285	Pure Dissolved Animal Bone	Baltimore	2.01	2.50			3.80	11.69	10.00	21.25	20.00
31332	Pure Fine Ground Bone Meal	Baltimore	4.33	4.00			*18.36*22.00			26.50	27.00
31412	Pure Fine Ground Bone Meal	Baltimore	4.40	4.00			*18.42*22.00			26.81	27.00
31153	Soluble 12 & 2	Baltimore					1.48	12.75	12.00	13.59	12.40
31074	Special Grain Grower	Baltimore					1.88	11.53	10.00	11.65	11.00
31075	Special Royal Guano	Baltimore					2.88	8.09	8.00	20.04	18.00
31076	Trucker 7 %	Baltimore	1.01	1.00	3.88	3.00	.60	8.57	6.00	43.69	40.00
31082	Truckers Stable Manure	Baltimore	3.02	3.50	3.40	3.00	1.55	7.39	5.00	26.89	25.00
31175	Valley Fertilizer (Low Grade)	Baltimore	.51	.50	1.96	3.00	2.33	7.87	8.00	14.76	16.00
31402	Valley Fertilizer (Low Grade)	Crumpton	.53	.50	2.46	3.00	1.88	8.08	8.00	16.07	16.00
Griffith & Turner Co., Baltimore, Md.											
31067	Amm'd Alkaline Plant Food	Baltimore	.96	1.00	2.68	1.50	2.43	8.41	6.50	18.58	13.90
31407	Amm'd Alkaline Plant Food	Baltimore	1.19	1.00	2.52	1.50	3.00	8.16	6.50	19.16	13.90
31165	Amm'd Butchers Bone Phos.	Baltimore	1.09	1.25	2.22	1.50	1.85	8.91	9.00	18.45	17.00
31210	Animal Bone Phosphate	Baltimore	1.54	2.50	1.98	1.50	1.18	8.83	10.00	19.42	23.00
31411	Animal Bone Phosphate	Baltimore	1.59	2.50	1.84	1.50	.89	9.01	10.00	19.41	23.00
31377	Soft Ground Bone	Baltimore	2.12	2.00			*23.51*22.90			20.24	19.45
31141	Special Potato Manure	Baltimore	1.06	1.00	3.26	3.00	2.85	7.70	8.00	19.60	18.00
Hampstead Fertilizer Co., Hampstead, Md.											
31340	Honesty	Hampstead	1.01	1.00	2.76	2.00	.90	8.89	8.00	18.81	16.00
31341	Standard	Hampstead	1.33	1.25	2.78	2.00	1.25	10.27	10.00	21.65	19.00
S. M. Hess & Bro., Inc., Philadelphia, Pa.											
31156	Acid Phosphate	Baltimore					1.10	14.17	14.00	10.14	9.80
31181	Ammoniated Super-Phosphate	Baltimore	2.12	2.00	2.18	2.00	1.45	7.92	8.00	21.34	20.00
31166	Big Crop Fertilizer	Baltimore	2.12	2.00	3.18	3.00	1.48	9.41	10.00	24.84	24.00
31119	Celebrated Crop Producer	Baltimore	6.38	7.00	3.14	3.00	1.12	6.02	6.00	38.37	40.00
31333	Farmers General Fertilizer	Baltimore	1.04	1.00	3.10	3.00	1.13	8.27	8.00	19.08	18.00
31202	Fish & Potash Manure	Baltimore	2.05	2.00	3.24	3.00	1.35	7.66	8.00	22.88	22.00
31297	General Fertilizer	Baltimore	1.04	1.00	3.03	3.00	1.33	8.07	8.00	18.82	18.00
31182	Good Value Fertilizer	Baltimore	1.06	1.00	3.38	3.00	1.20	6.40	6.00	17.88	16.00
31068	High Grade Potato Manure	Baltimore	4.06	4.00	3.04	3.00	1.57	10.02	10.00	32.97	32.00
31202	Keystone Phosphate	Baltimore	1.23	1.00	1.20	1.00	1.03	8.53	8.00	16.26	14.00
31183	Potato Manure	Baltimore	3.74	3.00	3.18	3.00	1.93	9.58	9.00	31.67	27.00
31203	Seal Brand Alkaline	Baltimore			2.20	2.00	1.35	11.66	12.00	12.83	12.40
31107	Soluble Phosphate & Potash	Baltimore			2.04	2.00	.70	10.22	10.00	11.97	11.00

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.	Comparative Value Per Ton	Comparative Value Per Ton Guaranteed.
S. M. Hess & Bro., Inc., Philadelphia, Pa.										
31384	Special Compound.....	Baltimore.....	.....	2.00	1.33	11.92	12.00	\$12.73	\$12.40	
31121	Special Corn Manure.....	Baltimore.....	1.01 1.00	2.24 2.00	.85	8.46	8.00	17.32	16.00	
31216	Wheat & Grass Manure.....	Baltimore.....	1.08 1.00	2.16 2.00	1.35	7.80	8.00	16.98	16.00	
W. H. Hood, Mt. Airy, Md.										
31247	Special Mixture.....	Mt. Airy.....	1.14 1.00	2.47 2.00	1.85	11.57	9.00	21.81	17.00	
Horsey, Roe & Co., Greensboro, Md.										
31318	1-8-2.....	Greensboro.....	1.40 1.00	2.54 2.00	1.35	8.07	8.00	19.28	16.00	
31319	Pea Fertilizer.....	Greensboro.....	3.28 3.00	3.14 3.00	1.15	8.33	8.00	28.19	26.00	
31320	.....	Greensboro.....	.....	2.22 2.00	1.30	13.01	13.00	13.81	13.10	
31321	12-2.....	Greensboro.....	.....	1.84 2.00	1.50	11.20	12.00	11.82	12.40	
31322	2-8-3.....	Greensboro.....	1.84 2.00	3.62 3.00	.80	6.01	8.00	20.93	22.00	
Hubbard Fertilizer Co., Baltimore, Md.										
31253	Alkaline 10-1 (Low Grade).....	Emmitsburg.....	.....	1.00	2.30	9.30	10.00	8.85	9.00	
31150	Ammoniated Phosphate.....	Baltimore.....	4.49 5.00	3.02 3.00	1.18	5.51	6.00	29.98	32.00	
31409	Ammoniated Phosphate.....	Baltimore.....	4.64 5.00	3.62 3.00	1.35	6.35	6.00	32.69	32.00	
31034	Climax Phosphate.....	Baltimore.....	1.21 1.00	3.12 3.00	1.23	6.87	7.00	18.44	17.00	
31312	Columbia Special (Low Grade).....	Baltimore.....	.63 .60	.80 1.00	2.45	8.52	8.00	13.62	12.30	
31254	Corn & Wheat.....	Emmitsburg.....	.....	.86 1.00	2.75	11.10	12.00	10.04	10.40	
31108	Crop Grower.....	Baltimore.....	1.40 1.25	2.24 2.00	1.20	8.19	8.00	18.75	17.00	
31083	Dissolved Bone.....	Baltimore.....	2.12 2.60	.....	1.40	10.12	10.00	19.16	20.00	
31204	English Compound.....	Baltimore.....	2.96 1.00	.92 1.00	1.55	8.06	8.00	14.36	14.30	

31077	Exchange Fertilizer	Baltimore	2.41	2.00	2.35	2.00	1.55	9.32	11.00	24.30	23.00
31063	Farmers I. X. L.	Baltimore	2.82	2.00	2.20	2.00	1.45	8.02	8.00	24.28	20.00
31391	Farmers I. X. L.	Secretary	1.93	2.00	1.96	2.00	2.40	7.93	8.00	20.53	20.00
31010	Phosphate 14%	Baltimore					.45	15.90	14.00	11.22	9.80
31387	Phosphate 16%	Baltimore					.73	16.44	16.00	11.66	11.20
31382	Pure Bone Meal	Hyattsville		4.50			*24.56			28.36	29.25
31194	Robinson's Fish, Bone & Potash	Baltimore	3.02	3.00	4.02	3.00	1.63	8.09	8.00	28.86	26.00
31243	Royal Leader	Baltimore	6.40	7.00	3.26	3.00	1.13	5.50	6.00	38.07	40.00
31042	Royal Seal 7%	Pocomoke City	7.20	7.00	5.62	5.00	.48	6.13	6.00	48.36	44.00
31036	Wheat & Rye	Baltimore			2.02	2.00	3.00	11.55	12.00	12.73	12.40
31190	Yellow Wrapper	Baltimore	2.93	3.00	3.36	3.00	1.38	7.39	8.00	26.38	26.00
M. P. Hubbard & Co., Inc., Baltimore, Md.											
31188	Animal & Fish Amm'd Comp'd.	Baltimore	2.03	2.00	3.48	3.00	1.05	7.88	8.00	23.38	22.00
31043	Bermuda Guano 7%	Pocomoke City	7.15	7.00	5.02	5.00	.48	6.20	6.00	45.03	44.00
31298	Celebrated Phosphate	Baltimore	2.12	2.00	2.54	2.00	1.00	7.42	8.00	21.38	20.00
31299	Dissolved Phosphate	Baltimore					.68	16.15	16.00	11.45	11.20
31291	Excelsior Super-Phos.	Rock Hall	.94	1.00	2.04	2.00	1.45	8.80	8.00	17.22	16.00
31421	Fish & Potash Mix. (Low Gr.)	Baltimore	.51	.25	1.60	1.00	.62	7.08	7.00	12.57	10.40
31301	Good & Cheap Compound	Baltimore	1.08	1.00	1.66	1.00	1.03	8.14	8.00	16.19	14.00
31224	Harvest King	Snow Hill	1.14	1.00	2.24	3.00	.75	9.85	9.00	19.19	19.00
31404	Havana Special	Baltimore	2.85	3.00	2.96	3.00	1.30	8.03	8.00	25.87	26.00
31112	Old Economy (Low Grade)	Baltimore	.75	.50	2.54	2.00	1.40	8.74	8.00	17.38	14.00
31241	Soluble Phosphate	Baltimore					2.20	13.34	14.00	9.78	10.00
31272	Soluble Phosphate & Potash	Baltimore			2.10	2.00	1.55	9.94	10.00	11.47	11.20
Lister Agricultural Chemical Works, Newark, N. J.											
31705	Buyer's Choice Acid Phosphate	Baltimore					1.50	13.88	14.00	10.02	\$9.80
31842	Cel. Gr. Bone & Tank, Acidul'd	Baltimore	3.27	3.25			*12.16			19.16	19.00
31579	Complete Potato Grower	Baltimore	5.10	5.00	3.16	3.00	1.98	7.80	8.00	35.07	34.00
31613	Corn & Potato Fertilizer	Baltimore	2.03	2.00	3.12	3.00	1.20	7.92	8.00	22.76	22.00
31639	Golden Sheaf	Baltimore	1.08	.50	2.38	2.00	1.15	8.05	8.00	17.59	14.00
31756	Grain & Grass Fertilizer Rev.	Hancock			2.02	2.00	.90	9.89	10.00	11.14	11.00
31580	Harvest Queen Phosphate	Baltimore	1.74	1.25	2.14	2.00	1.35	8.34	9.00	20.12	18.00
31650	High Grade Acid Phosphate	Baltimore					.98	16.24	16.00	11.57	11.20
31893	New York Spec. Fert. Revised	Baltimore	.96	1.00	3.10	3.00	1.78	8.28	9.00	18.97	19.00
31940	Potato Manure	Baltimore	3.96	4.00	3.03	3.00	1.63	10.14	10.00	32.75	32.00
31668	Spec. Crop Producer (L. Gr.)	Baltimore	1.08	1.00	1.03	1.00	1.25	6.91	7.00	13.79	13.00
31782	Special for Wheat & Rye	Gittings	2.06	2.00	2.08	2.00	1.25	8.01	8.00	20.51	20.00
31640	Spec. 7% Potato Manure-Rev.	Baltimore	6.02	7.00	3.23	3.00	1.00	8.56	8.00	39.60	42.00

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton Found.		Comparative Value Per Ton Guaranteed.	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
Lister's Agricultural Chemical Works, Newark, N. J.												
31701	Spec. 10% Potato Fert.—Rev...	Baltimore.....	2.13	2.00	2.24	2.00	1.52	.....	9.73	10.00	\$23.34	\$22.00
31939	Stand. Pure Super-Phos. of Lime	Baltimore.....	3.04	3.00	2.05	2.00	1.63	.....	9.02	9.00	25.33	25.00
31819	Tobacco Grower.....	Baltimore.....	1.72	1.25	2.80	3.00	1.35	.....	8.28	8.00	21.30	19.00
31824	U. S. Super-Phosphate.....	Baltimore.....	1.43	1.25	2.10	2.00	1.43	.....	8.16	8.00	18.65	17.00
31641	Valley Brand Fertilizer.....	Baltimore.....	1.48	1.00	3.05	3.00	.93	.....	8.22	8.00	20.61	18.00
Mapes Formula & Peruvian Guano Co., N. Y., N. Y.												
31825	Corn Manure.....	Baltimore.....	3.46	3.00	6.60	6.00	4.45	.....	6.20	8.00	35.02	32.00
31837	Vegetable Manure.....	Baltimore.....	6.76	6.00	6.16	6.00	4.00	.....	5.66	10.00	46.62	46.00
Martin Fertilizer Co., Philadelphia, Pa.												
31864	Acid Phosphate.....	Graceland.....	.....	.....	.....	.....	1.35	.....	14.37	14.00	10.33	9.80
31601	Acid Phosphate.....	Baltimore.....	.....	.....	.....	.....	.63	.....	16.67	16.00	11.80	11.20
31626	Bull Head Fertilizer.....	Baltimore.....	2.85	3.00	3.32	3.00	1.23	.....	9.66	8.00	28.19	26.00
31834	Clarks Standard.....	Ellicott City.....	1.19	2.00	3.68	3.00	2.10	.....	8.21	9.00	21.17	23.00
31552	Corn & Cereal Special.....	Girdletree.....	2.49	2.00	3.10	2.00	1.45	.....	8.45	8.00	23.19	20.00
31914	Corn & Cereal Special.....	Vienna.....	2.39	2.00	2.03	2.00	1.65	.....	9.17	8.00	23.45	20.00
31651	Crop Producer.....	Baltimore.....	1.93	1.25	.....	.....	4.15	.....	9.83	10.00	19.21	15.00
31619	Dissolved Organic Compound.....	Baltimore.....	1.26	1.25	2.10	2.00	1.63	.....	9.85	9.00	19.74	18.00
31796	Gilt Edge Fertilizer.....	Baltimore.....	2.46	3.00	2.76	3.00	1.18	.....	10.60	10.00	26.43	28.00
31532	Guano 7%.....	Baltimore.....	6.95	7.00	5.18	5.00	.73	.....	7.13	6.00	45.58	44.00
31560	Guano 7%.....	Pocomoke City.....	7.08	6.00	5.04	5.00	.78	.....	7.91	7.00	46.82	41.00
31810	One, Eight, & Three.....	Baltimore.....	.89	1.00	2.94	3.00	2.05	.....	8.01	8.00	18.27	18.00

31678	Potash & Soluble Phosphate	Baltimore	1.58	2.00	63	11.07	10.00	\$11.04	\$11.00
31835	Potash & Soluble Phosphate	Ellicott City	2.12	2.00	1.45	10.70	12.00	12.02	12.40
31602	Pure Dissolved Animal M. ter.	Baltimore		2.00	3.43	13.47	12.00	22.96	20.00
31540	Pure Ground Bone	Baltimore	2.03	2.00	*21.85			19.61	19.45
31911	Pure Ground Bone	Aberdeen	2.17	2.00	*20.47			19.06	19.45
31754	Pure Raw Bone Meal	Gaithersburg	2.20	4.50	*22.86			30.07	28.50
31627	Special Compound	Baltimore	4.66	2.00	1.50	9.13	8.00	27.89	26.00
31777	Sure Grower	Rising Sun	2.85	1.00	1.08	8.81	8.00	14.85	14.00
31679	Two, Eight & Three	Baltimore	.92	3.00	1.60	9.95	8.00	24.39	22.00
31514	Virginia Truck Grower	Baltimore	1.89	5.00	.73	7.62	7.00	40.07	37.00
5.14			5.00						
J. O. Maynard & Co., Baltimore, Md.									
31664	H. G. Special Vegetator	Baltimore	2.39	3.00	1.78	12.37	7.00	26.12	24.00
31571	H. G. Truckers Pride	Baltimore	4.98	4.80	1.55	9.45	6.00	35.71	30.20
F. Mehring, Keymar, Md.									
31840	Dissolved Raw Bone	Keymar	2.13	2.00	4.03	14.10	14.00	24.23	22.40
Miller Fertilizer Co., Baltimore, Md.									
31644	Acid Phosphate	Baltimore			.83	13.23	14.00	9.47	9.90
31798	Acid Phosphate	Baltimore			.38	16.60	16.00	11.70	11.20
31899	Ammoniated Dissolved Bone	Baltimore	2.15	1.75	.58	7.90	8.00	18.37	17.20
31813	Clinch Phosphate	Baltimore			1.25	9.73	10.00	10.82	11.10
31702	Club Brand (Low Grade)	Baltimore	.67	.50	.68	7.74	8.00	11.89	11.20
31887	Dissolved Raw Bone	Baltimore	1.83	2.00	1.25	11.31	11.00	19.13	19.20
31645	Farmers Profit	Baltimore	1.42	3.00	.53	8.83	9.00	20.44	19.20
31764	Ground Bone	Aberdeen	3.19	1.00	11.25	9.03	14.50	26.29	26.50
31897	Harvest Queen (Low Grade)	Baltimore	1.28	1.25	.75	9.01	9.00	16.61	15.70
31715	Hustler Phosphate (Low Gr.)	Baltimore	1.01	1.00	.63	8.87	8.00	14.36	13.20
31930	McAfees Stand. Am'd. B. Phos.	Baltimore	2.20	2.00	.90	9.06	9.00	22.78	21.00
31621	McAfees Truckers Favorite	Baltimore	3.77	3.75	1.28	9.16	9.00	29.79	29.00
31826	M. B. S.	Baltimore	1.08	1.00	.68	8.09	8.00	16.76	16.20
31586	Pimlico	Baltimore	2.01	2.00	.60	8.12	8.00	23.04	22.20
31680	Potato & Vegetable Grower	Baltimore	1.95	2.00	.65	8.52	9.00	20.54	20.20
31587	Potato & Veg'ble Grower No. 1	Baltimore	4.16	4.50	.50	8.24	8.00	31.88	32.20
31706	Standard Phosphate	Baltimore	2.95	3.00	.58	8.08	8.00	24.27	24.20
31696	3-8-3	Crumpton	2.71	3.00	.45	7.92	8.00	24.70	26.00
31786	W. G. Phosphate (Low Grade)	Baltimore	1.04	.50	.45	7.30	7.00	13.32	10.20
Natural Guano Co., Aurora, Ill.									
31631	Pul'v'ised Sheep Manure (L. G.)	Baltimore	2.92	2.73	*1.43	*1.25		15.92	14.55

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.				Comparative Value Per Ton Found.	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.	Found.	Guaranteed.	Comparative Value Per Ton Found.	
31454	New York Stable Manure Co., Jersey Compost Horse Manure (L. G.)	City, N. J. Cordo. a (J. McC.)	3.12	2.50	1.48	1.00	.30	.....	1.93	1.50	\$17.49	\$13.50
31519	J. B. Nichols & Son, Baltimore, Md. Farmers Friend Fertilizer	Baltimore	4.03	4.00	3.50	3.00	1.78	.....	7.13	7.00	30.96	29.00
31757	V. W. Nicodemus, Monrovia, Md. Sullivans Sure Success	Monrovia	2.20	2.00	2.22	3.00	2.73	.....	7.07	9.00	21.40	23.00
31572	Nitrate Agencies Co., New York, High Grade Acid Phosphate	N. Y. Baltimore	.....	.....	.....	.....	30	.....	16.04	16.00	11.29	11.20
31917	High Grade Acid Phosphate	Trappe	.....	.....	.....	.....	35	.....	16.02	16.00	11.28	11.20
31681	High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	33	.....	16.07	16.00	11.32	11.20
31691	H. G. Genuine Peruvian Guano	Hurlock	13.05	13.00	2.68	2.00	2.25	.....	10.53	10.00	68.99	66.00
31652	Nitrate of Soda	Baltimore	18.61	18.25	.....	.....	.....	.....	.....	.....	.....	.....
31739	G. Ober & Sons Co., Baltimore, Md. Avondale Amm'd. Dis. Bone	Baltimore	2.01	2.00	2.20	2.00	1.15	.....	8.13	8.00	21.03	20.00
31588	Climax Truck Guano	Baltimore	5.02	5.00	3.06	3.00	3.78	.....	8.31	7.00	34.82	33.00
31638	Dissolved Animal Bone	Baltimore	3.46	3.00	.....	.....	3.15	.....	11.67	10.00	26.77	22.00
31646	Dissolved Bone Phosphate	Baltimore	.....	.....	.....	.....	1.78	.....	14.04	14.00	10.19	9.80
31787	Dissolved Bone Phos. & Potash	Baltimore	.....	.....	.....	.....	1.68	.....	10.64	10.00	11.47	11.00
31912	Farmers Mixture	Woolfords	1.19	1.00	2.40	2.00	1.20	.....	9.96	9.00	20.00	17.00
31566	Farmers Stand. Amm'd Phos.	Baltimore	3.04	2.00	2.20	2.00	1.43	.....	8.63	9.00	25.76	21.00
31740	Fish & Potash Fertilizer	Baltimore	2.20	2.00	2.52	2.00	.85	.....	10.16	9.00	24.34	21.00

31589	Harvest King Compound.....	Baltimore.....	2.05	2.00	3.30	1.10	10.25	9.00	\$25.49	\$23.00
31913	High Grade Acid Phosphate.....	Baltimore.....	1.14	1.00	1.10	.95	16.04	16.00	11.42	11.20
31783	Independent Amm'd Super-Phos.....	Baltimore.....	1.14	1.00	1.10	.65	8.24	8.00	15.26	14.00
31938	Ox Head Mixture (Low Gr.).....	Baltimore.....	3.78	.50	2.00	1.33	8.15	8.00	16.45	14.00
31590	Peerless Vegetable Compound.....	Baltimore.....	3.14	3.00	3.03	1.28	10.12	8.00	23.25	26.00
31827	Pure Bone Meal.....	Baltimore.....	2.82	3.00	3.00	*25.41	9.04	9.00	23.99	23.00
31622	Red Arrow Guano.....	Baltimore.....	1.55	1.00	3.16	1.15	9.04	9.00	22.02	19.00
31784	Special Compound.....	Baltimore.....	3.02	3.00	3.38	1.13	8.35	8.00	27.64	26.00
Patasco Guano Co., Baltimore, Md.										
31799	Alkaline Phosphate Special.....	Baltimore.....	.....	.....	2.18	.98	11.71	12.00	12.76	12.40
31849	Baltimore Soluble Phosphate.....	Preston.....	.....	.....	2.02	1.40	10.56	11.00	11.71	11.70
31632	Blood, Bone & Potash (L. G.).....	Baltimore.....	.82	.50	2.10	.88	8.02	8.00	15.85	14.00
31533	Columbia Truck Guano.....	Baltimore.....	3.06	3.00	3.02	1.33	8.49	8.00	27.30	26.00
31508	Coon Brand Guano.....	Baltimore.....	1.11	1.00	3.12	1.08	8.88	9.00	19.99	19.00
31789	Corn & Tomato Fertilizer.....	Baltimore.....	1.62	1.50	2.14	1.55	9.12	9.00	20.42	19.00
31725	Fish Guano.....	Snow Hill.....	2.27	2.00	2.68	1.30	6.01	6.00	20.97	18.00
31843	Florida Soluble Phosphate.....	Baltimore.....	.....	.....	.....	.98	16.29	16.00	11.60	11.20
31707	High Grade Acid Phosphate.....	Baltimore.....	.....	.....	.....	1.20	16.25	16.00	11.62	11.20
31692	Money Maker.....	Centerville.....	1.06	1.00	2.02	1.32	7.83	8.00	16.64	16.00
31790	Potato Manure.....	Baltimore.....	2.30	2.00	4.86	.85	8.43	10.00	26.69	24.00
31708	Prolific Pea Grower.....	Baltimore.....	2.05	2.00	3.14	1.18	8.11	8.00	23.06	22.00
31709	Pure Dissolved S. C. Phosphate.....	Baltimore.....	.....	.....	.....	1.60	13.56	14.00	9.81	9.80
31923	Pure Dissolved S. C. Phosphate.....	Baltimore.....	.....	.....	.....	1.40	14.02	14.00	10.09	9.80
31791	Sea Gull Guano.....	Baltimore.....	.....	.....	.....	1.00	8.13	8.00	14.73	14.00
31541	Soluble Phosphate & Potash.....	Baltimore.....	1.04	1.00	1.02	.75	10.20	10.00	11.33	11.00
31814	Special Alkaline Phosphate.....	Baltimore.....	.....	.....	1.88	1.55	11.36	12.00	12.02	12.40
31510	Special Early Truck.....	Baltimore.....	4.71	5.00	3.02	1.25	8.03	8.00	33.41	34.00
31822	Tobacco & Potato Fertilizer.....	Baltimore.....	1.93	2.00	3.12	1.90	7.73	8.00	22.45	22.00
31841	Tomato Guano Special.....	Baltimore.....	1.96	2.00	3.36	1.98	9.08	8.00	24.43	22.00
Peerless Fertilizer Co., Chestertown, Md.										
31929	American Standard Fertilizer.....	Kings Creek.....	4.01	4.00	5.60	.85	6.15	6.00	33.73	32.00
31921	Ford's Ideal (Low Grade).....	Chestertown.....	.61	.50	2.34	1.65	10.19	8.00	17.97	16.00
31802	Imperial Compound.....	Chestertown.....	.84	1.00	2.42	1.45	9.28	8.00	18.06	18.00
31731	Our Corn Fert. (Low Grade).....	Baltimore.....	.77	.75	2.44	1.28	10.55	8.00	19.02	15.00
31630	Our Peerless Fertilizer.....	Kings Creek.....	2.06	2.00	3.76	.85	7.31	8.00	23.41	22.00

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			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.	Found.	Guaranteed.		
Piedmont-Mt. Airy Guano Co., Baltimore, Md.												
31647	Basic Slag Phos.....	Baltimore.....	1.66	1.00	3.62	3.00	.75	2.00	15.38	15.00	\$22.50	\$19.00
31506	Levering's Ammoniated Bone...	Baltimore.....	2.42	2.50	...	...	.80	...	8.30	9.00	15.29	14.00
31888	Levering's Excelsior.....	Baltimore.....	1.84	1.00	2.28	1.00	.63	...	7.12	8.00	16.73	16.00
31654	Levering's Harvest Queen.....	Baltimore.....	1.01	1.00	2.48	2.00	.48	...	7.54	8.00	23.40	22.00
31567	Levering's Standard.....	Baltimore.....	1.91	2.00	3.44	3.00	1.00	...	8.48	8.00	26.99	28.00
31717	Mt. Airy Garden & Truck Fert.	Baltimore.....	2.35	3.00	4.40	4.00	.50	...	8.59	8.00	16.71	15.80
31744	Peerless Phosphate.....	Mt. Airy.....	1.02	1.00	1.80	1.50	.75	2.00	8.73	8.00	10.18	9.80
31581	Piedmont Acid Phosphate 14%...	Baltimore.....	...	...	...	...	1.39	...	14.14	14.00	11.78	11.20
31672	Piedmont Acid Phosphate 16%...	Baltimore.....	...	...	...	...	.55	...	16.67	16.00	20.78	20.00
31655	Piedm't Dissolved Animal Bone	Baltimore.....	2.42	2.50	...	...	1.05	...	10.68	10.00	37.59	36.00
31512	Piedmont Early Trucker.....	Baltimore.....	5.05	5.00	5.64	5.00	.63	...	5.86	6.00	41.69	40.00
31505	Pied. Early Vegetable Manure...	Baltimore.....	5.17	5.00	7.16	7.00	.60	...	6.41	6.00	16.39	15.00
31520	Piedmont Economy (Low Grade)	Baltimore.....	.39	.25	2.14	2.00	.80	...	10.13	10.00	21.76	20.00
31591	Piedmont Fish Guano.....	Baltimore.....	2.10	2.00	2.44	2.00	.88	...	8.13	8.00	46.00	44.00
31503	Piedmont Gold Rod 7%.....	Baltimore.....	6.88	7.00	5.74	5.00	.68	...	6.73	6.00	24.47	24.00
31933	Piedmont Guano for Tobacco...	Baltimore.....	2.53	2.50	2.90	3.00	.68	...	8.58	8.00	27.86	26.00
31656	Pdm't H. G. Amm'd Bone & Pot.	Baltimore.....	3.22	3.00	3.26	3.00	1.05	...	8.04	8.00	15.28	13.00
31513	Pdm't Insula Guano (L. Grade)	Baltimore.....	.75	.50	2.12	2.00	.85	...	7.68	7.00	23.38	20.00
31797	Piedmont Plow Brand.....	Baltimore.....	1.96	2.00	2.94	2.00	.55	...	9.44	8.00	34.50	29.00
31792	Piedmont Potato Producer.....	Baltimore.....	3.07	3.00	7.44	6.00	1.15	...	6.88	5.00	12.41	12.40
31673	Pdm't Rock & Potash Mix.....	Baltimore.....	...	...	2.03	2.00	.63	...	12.41	12.00	9.86	9.60
31828	Pdm't Sol. Phos. & P. Mix. (L. G.)	Baltimore-e.....	...	...	2.04	2.00	.33	...	8.15	8.00	...	...

FERTILIZER ANALYSES.

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31836	Pdm't Special Perfection Fert.	Ellicott City.	1.74	2.00	2.94	3.00	.38	10.46	10.00	\$23.45	\$24.00
31504	Pdm't Special Potato Guano.	Baltimore.	6.06	6.00	7.44	7.00	.63	6.30	6.00	45.67	44.00
31511	Pdm't Spec. for Tobacco Beds.	Baltimore.	6.47	7.00	2.64	2.00	.78	5.36	5.00	36.83	37.00
31745	Pdm't Stand. Dis. Bone.	Mt. Airy.	.87	1.00	2.36	2.00	.98	10.51	10.00	19.10	18.00
Pollock Fertilizer Co., Baltimore, Md.											
31534	Accomac Truckee Special.	Baltimore.	4.64	5.00	2.92	3.00	1.13	7.27	7.00	32.12	33.00
31941	Accomac Truckee Special.	Baltimore.	4.52	5.00	3.20	3.00	1.20	7.09	7.00	32.05	33.00
31535	Ammoniated Super-Phos.	Baltimore.	2.03	2.00	2.12	2.00	1.25	8.04	8.00	20.90	20.00
31741	Dissolved Animal Bone.	Baltimore.	2.41	2.50			1.83	12.60	12.00	22.97	22.00
31457	Dissolved Animal Bone.	Raspeb'g (C.J. McC)	2.32	2.50			1.75	12.23	12.00	22.21	22.00
31924	Dissolved S. C. Phosphate.	Baltimore.	6.09	7.00	3.50	3.00	1.38	14.02	14.00	10.09	9.80
31732	Early Truck Guano.	Baltimore.					.90	6.56	6.00	38.28	40.00
31815	H. G. Super-Phosphate.	Baltimore.					1.03	16.51	16.00	11.77	11.20
31733	Owl Brand Guano—Rev. (L. G.)	Baltimore.	.68	.50	2.18	2.00	.90	8.27	8.00	15.71	14.00
31808	Soluble Phosphate.	Baltimore.			2.06	2.00	.93	10.24	10.00	11.48	11.00
31675	Special Invigorator.	Baltimore.	1.01	1.00	2.92	3.00	1.35	8.23	8.00	18.65	18.00
31703	Spec. Pot. & Tob. Fert.—Rev.	Baltimore.	2.03	2.00	2.96	3.00	1.18	8.16	8.00	22.67	22.00
31687	Spec. Wheat & Corn Fertilizer.	Baltimore.	1.02	1.00	2.04	2.00	1.33	8.02	8.00	16.71	16.00
31811	Victor Brand Phos. Spec. (L. G.)	Baltimore.			1.03	1.00	1.15	10.12	9.00	9.37	8.30
Quaker City Poudrette Co., Philade											
31728	Native Guano (Low Grade).	Iphia, Pa.	1.57	1.50	.30	.49	*3.28	*3.00		8.52	8.48
Ramsburg Fertilizer Co., Frederick, Md.											
31865	Alkaline Phosphate.	Frederick.	1.06	1.00	1.76	2.00	1.15	10.37	10.00	11.01	11.00
31866	Ammoniated Bone Phosphate.	Frederick.	1.01	1.00	2.12	2.00	1.90	11.76	10.00	21.00	18.00
31758	Corn & Potato Fertilizer.	Monrovia	1.72	2.00	2.92	3.00	2.30	10.09	9.00	20.85	19.00
31746	Excelsior Plant Food.	Mt. Airy.	1.11	1.00	1.92	2.00	2.03	11.73	9.00	23.26	21.00
31747	Old Virginia Compound.	Mt. Airy.	.58	.50	3.58	3.00	2.10	9.65	9.00	22.09	19.00
31748	Queen (Low Grade).	Mt. Airy.			1.12	1.00	1.33	11.17	8.00	16.26	12.00
31749	Super-Phosphate.	Mt. Airy.					1.30	16.03	16.00	11.43	11.20
Rasin-Monumental Co., Baltimore, Md.											
31543	Rasin's Acid Phosphate.	Fairfield					1.30	14.72	14.00	10.56	10.00
31734	Rasin's Acid Phosphate.	Baltimore.					1.40	16.82	16.00	12.05	11.20
31889	Rasin's Big 16 Alkaline Comp.	Baltimore.			2.64	2.00	2.03	16.57	16.00	17.29	15.20
31844	Rasin's Bone & Potash Fert.	Fairfield			2.18	2.00	1.50	10.14	10.00	11.76	11.20
31688	Rasin's Capital Crop Comp.	Baltimore.	1.01	1.00	3.44	3.00	1.25	9.80	9.00	21.22	19.40
31593	Rasin's Champ. Pot. & Veg. Man.	Baltimore.	4.11	4.00	3.36	3.00	1.25	8.19	8.00	31.71	30.40
31735	Rsn's C'n, Bkwt. & Tom. S. (L. G.)	Baltimore.			2.04	2.00	1.25	7.68	7.00	9.71	8.90

a Wagner's Method.

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			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.		
Rasin-Monumental Co., Baltimore, Md.										
31682	Rasin's Dissolved Bone.....	Baltimore.....	2.18	2.00	3.40	3.00	3.53	10.48	\$20.61	\$18.00
31545	Rsn's Elec. Truck & Veg. Comp.....	Fairfield.....	4.98	5.00	3.48	3.00	.85	8.71	35.77	34.40
31550	Rasin's Empire Guano.....	Baltimore.....	3.02	3.00	3.38	3.00	1.13	7.51	27.00	26.40
31904	Rasin's Empire Guano.....	Baltimore.....	2.20	2.00	2.30	2.00	.88	7.79	21.54	20.40
31832	Rasin's Great Alk. Grain Gro.....	German town.....	.....	.....	2.16	2.00	1.78	14.05	14.52	13.80
31793	Rasin's Lit. Gi. Phs. & Pot. (L. G.).....	Baltimore.....	.....	.....	1.90	2.00	1.23	8.06	9.69	9.60
31816	Rasin's Quality Compound.....	Baltimore.....	1.06	1.00	2.90	3.00	1.30	7.79	17.79	17.40
31546	Rasin's Royal Fish, Bone & Pot.....	Fairfield.....	2.03	2.00	3.42	3.00	1.23	8.33	23.74	22.40
31536	Rasin's Royal Fish, Bone & Pot.....	Baltimore.....	2.01	2.00	3.40	3.00	1.43	8.28	23.71	22.40
31890	Rasin's Sea Wall Phos. & Pot.....	Baltimore.....	.....	.....	1.52	2.00	1.60	9.41	9.95	10.30
31697	Rasin's Spec. Fish & Pot. Mix.....	Greensboro.....	1.60	2.00	3.04	3.00	1.03	7.01	19.90	20.00
31521	Rasin's 7% Truck Compound.....	Baltimore.....	7.76	7.00	3.58	3.00	.75	5.31	43.81	40.40
31698	Rasin's United Grain Grower.....	Greensboro.....	1.08	1.00	2.36	2.00	1.25	7.87	17.41	16.00
31623	Rasin's Victoria Phos. & Pot.....	Baltimore.....	.....	.....	2.03	2.00	1.43	12.36	13.00	12.40
31736	Rasin's Wht. C'n & O. Mix. (L. G.).....	German town.....	.63	.50	2.10	2.00	1.42	8.02	15.31	14.00
Reindollar Co., Taneytown, Md.										
31858	Ammoniated Phosphate.....	Taneytown.....	1.06	1.00	.....	.....	.45	14.66	19.08	18.00
31859	Economy Fertilizer.....	Taneytown.....	1.06	1.00	3.02	3.00	1.30	10.97	21.77	19.00
31860	Rock & Potash.....	Taneytown.....	.....	.....	2.02	2.00	1.63	12.68	13.25	12.40
W. E. Robinson & Co., Fallston, Md.										
31855	H. G. Tomato Grower.....	Fallston.....	4.02	4.00	3.13	3.00	.70	6.57	29.29	29.00

FERTILIZER ANALYSES.

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31856	Special Mixture	Fallston	1.66	2.00	2.84	3.00	.48	8.13	8.00	20.64	\$22.00
31857	Vegetable & Grain	Fallston	1.91	2.00	1.94	2.00	.58	8.04	8.00	19.19	20.00
F. S. Royster Guano Co., Baltimore, Md.											
31537	Acid Phosphate	Baltimore					1.43	16.31	14.00	11.71	9.80
31910	Acid Phosphate	Rockville					1.00	14.40	14.00	10.28	9.80
31822	Angelus Compound	Baltimore	5.51	5.00	3.12	3.00	2.23	7.68	8.00	36.85	34.00
31869	Arrow 7% Potato Guano	Pocomoke City	6.83	7.00	5.32	5.00	1.30	6.82	6.00	44.30	44.00
31553	Arrow 7% Potato Guano	Pocomoke City	7.39	7.00	5.43	5.00	1.28	6.02	6.00	47.05	44.00
31523	Cloverdale Grain & Grass Gro.	Baltimore			2.02	2.00	1.15	10.49	10.00	11.61	11.00
31670	Cuckoo Crop Grower	Baltimore	1.14	1.00	1.08	1.00	1.45	7.94	8.00	15.24	14.00
31714	Dissolved Bone	Baltimore	2.53	2.50			3.40	11.78	12.00	23.26	22.00
31765	Dooley's Cardiff Mixture	Cardiff	2.04	2.00	3.26	3.00	1.75	8.10	8.00	23.48	22.00
31766	Dooley's Spec. Crop Mix	Cardiff	1.16	1.00	3.12	3.00	1.65	8.23	8.00	19.77	18.00
31812	Dreadnaught Fertilizer	Baltimore	1.86	2.00	2.26	2.00	2.05	7.71	8.00	20.53	20.00
31509	Everwin Potato Compound	Baltimore	6.95	7.00	3.80	3.00	.85	6.77	6.00	43.51	40.00
31524	Fish, Flesh & Fowl	Baltimore	2.25	2.00	3.04	3.00	1.70	7.43	8.00	23.24	22.00
31573	Harmony Compound	Baltimore			2.30	2.00	1.23	12.27	12.00	13.44	12.40
31665	H. G. Acid Phosphate 16%	Baltimore					1.05	16.64	16.00	11.86	11.20
31614	Pure Ground Bone Meal	Baltimore	3.05	3.00			*23.49			23.95	23.45
31767	Pure Raw Bone Meal	Cardiff	4.61	4.50			*21.09			21.49	19.00
31582	Seeding Down Spec. Fert.	Baltimore	1.18	1.00	3.30	3.00	1.25	9.67	9.00	28.99	28.75
31768	Slaughter House Tankage	Cardiff	8.04	8.00			*12.46			38.39	35.00
31615	True Blue Compound	Baltimore	3.77	4.00	3.03	3.00	1.35	8.45	8.00	30.13	30.00
31907	Utopia Compound	Baltimore	3.01	3.00	2.94	3.00	2.13	8.39	8.00	27.16	26.00
31583	Velox Potato Guano	Pocomoke City	5.02	5.00	5.44	5.00	1.25	6.13	6.00	37.59	36.00
31603	Wheat, Oats & Barley Fert.	Baltimore	1.30	1.00	2.16	2.00	1.53	7.79	8.00	17.94	16.00
Scott Fertilizer Co., Elkton, Md.											
31769	Bush River Compound	Aberdeen	3.82	4.00	3.62	3.00	1.30	11.85	10.00	34.89	32.00
31846	Corn & Oats Grower (L.G.)	Iron Hill	.55	.50	1.54	1.00	1.33	10.88	10.00	16.65	14.00
31770	Potato Grower	Aberdeen	2.13	2.00	3.10	3.00	1.93	10.44	10.00	25.93	24.00
31778	Pure Ground Raw Bone	Rising Sun	4.83	4.00			*21.51			30.08	26.75
31847	Standard Phosphate	Iron Hill	1.14	1.00	1.52	2.00	1.00	11.18	10.00	19.18	18.00
31779	Sure Growth Super-Phosphate	Childs	1.96	2.00	3.30	3.00	2.50	8.18	8.00	23.62	22.00
31848	Tip Top & Potash	Iron Hill			2.18	2.00	1.05	11.40	10.00	12.55	11.00
31879	Tip Top Soluble Phosphate	Elkton					1.43	16.07	16.00	11.54	11.20
Standard Guano Co., Baltimore, Md.											
31628	Extra H. G. Acid Phosphate	Baltimore					63	15.92	16.00	11.27	11.20

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH, K ₂ O.		PHOSPHORIC ACID.			Comparative Value Per Ton Found.	Comparative Value Per Ton Guaranteed.	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
Standard Guano Co., Baltimore, Md.												
31461	Extra H. G. Acid Phosphate ...	Clinton (E.S.B.) ...	.....	.....	.....	.....	1.73	.....	15.02	16.00	\$10.86	\$11.20
31867	Farmers Champion (Low Grade)	Walkersville. ....	.....	.....	.....	.....	.80	1.00	8.83	8.00	14.03	14.40
31781	Fish, Bone & Potash	Childs	1.01	1.00	2.66	3.00	1.35	.....	8.48	9.00	18.38	19.00
31595	Jewel Mixture	Baltimore.	2.08	2.00	3.36	5.00	1.00	.....	8.59	7.00	23.79	25.40
31919	Jewel Mixture	Bel Air	1.75	2.00	4.66	5.00	1.35	1.00	7.78	7.00	24.80	25.40
31926	Old Fertility.....	Childs	1.74	2.00	2.50	3.00	2.03	.....	7.29	8.00	20.06	22.00
31574	Royal Gen.....	Baltimore.	2.78	3.00	4.02	4.00	.43	.....	8.74	8.00	28.07	28.00
31642	Star Wheat Grower	Baltimore.	2.29	2.00	2.32	2.00	.68	.....	8.60	8.00	23.67	20.00
31643	Truckers Joy.....	Baltimore.....	2.03	2.00	3.18	4.00	.68	.....	8.41	7.00	23.16	23.00
W. H. Streett & Co., Fallston, Md.												
31771	Ammoniated Dissolved Bone ...	Forest Hill.....	1.60	1.50	2.30	2.00	.55	.....	9.02	9.00	20.24	19.00
31891	H. G. Bone Phosphate.....	Baltimore.....	2.83	2.50	3.54	3.00	.88	.50	6.53	8.00	25.28	24.20
Superior Guano Co., Baltimore, Md.												
31676	M. B. W. Acid Phosphate 14%..	Baltimore.....	.....	.....	.....	.....	1.25	.....	13.46	14.00	9.67	9.80
31927	M. B. W. Acid Phosphate 16%..	Baltimore.....	.....	.....	.....	.....	.40	.....	16.59	16.00	11.69	11.20
31932	M. B. W. Acid Phosphate 14%..	Baltimore.....	.....	.....	.....	.....	1.38	.....	10.81	14.00	7.85	9.80
31538	M. B. W. Amm'd Bone & Potash	Baltimore.....	1.04	1.00	2.02	2.00	1.93	.....	7.33	8.00	16.30	16.00
31596	M. B. W. Big Crop Grower.....	Baltimore.....	1.79	2.00	2.22	2.00	1.43	.....	7.62	8.00	19.79	20.00
31718	M. B. W. Bone Meal.....	Baltimore.....	3.21	3.00	.....	.....	*22.68	*23.00	.....	.....	24.18	23.50
31500	M. B. W. Caroline Mixture.....	Baltimore.....	1.09	1.00	2.60	3.00	1.13	.....	9.01	9.00	19.42	19.00
31829	M. B. W. Crop Producer.....	Baltimore.....	1.19	1.00	1.46	1.00	2.05	.....	6.91	8.00	16.41	14.00

31453	M. B. W. Fruit & Truck.....	Cordova (J. McC.)..	4.61	5.00	5.22	5.00	1.15	8.64	7.00	\$37.98	\$37.00
31934	M. B. W. Spec. C. & Grass (L. G.)	.....	.....	.....	a. 1.50	2.00	1.90	6.46	7.00	7.70	8.90
31918	M. B. W. Special Mixture.....	Baltimore.	2.71	3.00	2.02	2.00	1.25	8.01	8.00	23.39	24.00
31564	M. B. W. Special Truck.....	Baltimore.	2.34	3.00	3.04	3.00	1.95	7.85	8.00	24.07	26.00
31565	M. B. W. Stevens Asp. Mix.....	Baltimore.	.92	1.00	2.94	3.00	1.23	8.94	9.00	18.99	19.00
31526	M. B. W. Tomato Grower.....	Baltimore.	1.14	1.00	3.04	3.00	1.40	8.28	9.00	19.48	19.00
31515	M. B. W. 7% Trucker.....	Baltimore.	7.56	7.00	5.24	5.00	.85	7.25	6.00	48.31	44.00
Swift & Co., Baltimore, Md.											
31817	Corn & Wheat Grower.....	Baltimore.	1.67	2.00	1.70	2.00	1.85	9.35	10.00	30.17	22.00
31657	Corn, Wheat & Oats Special.....	Baltimore.	1.02	1.00	3.30	3.00	1.80	11.02	11.00	23.42	21.00
31719	Diamond-A-Veg. Tob. & Fr. Gro.	Baltimore.	2.49	3.00	2.48	3.00	1.78	8.02	8.00	23.65	26.00
31720	Diamond-W-Veg. & Fruit Gro.	Baltimore.	1.72	2.00	2.68	3.00	1.58	8.53	8.00	21.40	22.00
31554	Early Truck.....	Pocomoke City.....	4.78	5.00	2.42	3.00	1.13	6.78	7.00	31.19	33.00
31915	Early Truck.....	Princess Anne.....	5.02	5.00	2.82	3.00	1.53	6.85	7.00	33.18	33.00
31555	Excelsior Truck & Veg. Manure.	Pocomoke City.....	6.88	7.00	2.52	3.00	1.15	6.09	6.00	39.11	40.00
31892	Farmers Favorite.....	Baltimore.	2.02	2.00	1.23	1.00	1.30	8.73	9.00	19.89	19.00
31683	Garden City Phosphate.....	Baltimore.	.....	.....	.....	.....	1.50	14.77	14.00	10.64	9.80
31629	Market Garden Manure.....	Baltimore.	3.03	4.00	3.02	3.00	1.30	8.03	8.00	26.71	30.00
31928	Market Garden Manure.....	Baltimore.	3.05	4.00	2.24	3.00	1.58	7.55	8.00	24.86	30.00
31845	Monarch Phosphate.....	Baltimore.	2.46	3.00	2.38	3.00	1.40	6.86	6.00	22.02	24.00
31677	Pure Bone Meal.....	Baltimore.	3.09	3.00	.....	.....	*23.75	.....	.....	23.21	24.00
31712	Pure Pul. Cattle Manure (L. Gr.)	Baltimore.	2.58	2.00	1.92	1.50	*1.24	.....	.....	14.78	11.50
31724	Pure Pul. Sheep Manure (L. Gr.)	Baltimore.	2.39	2.50	1.86	1.50	*1.62	.....	.....	14.04	13.75
31462	Pure Pul. Sheep Manure (L. Gr.)	Preston (F. J. G.)..	2.47	2.50	1.80	1.50	*1.33	.....	.....	14.15	13.75
31556	Red Steer.....	Pocomoke City.....	2.08	2.00	2.06	2.00	1.08	8.20	8.00	21.07	20.00
31463	Red Steer.....	Perryman (P. M. H.)	1.96	1.00	1.58	1.00	1.20	7.41	8.00	17.53	20.00
31721	Reliable Grain Fertilizer.....	Baltimore.	.....	.....	.86	1.00	1.60	7.96	8.00	14.16	14.00
31818	Special Formula.....	Baltimore.	1.01	1.00	2.32	3.00	1.55	9.16	9.00	18.48	19.00
31704	Spec. H. G. Acid Phosphate.....	Hobbs (A. H.).....	.....	.....	.....	.....	1.90	16.59	16.00	11.99	11.20
31459	Spec. H. G. Acid Phosphate.....	Baltimore.	.....	.....	1.56	2.00	2.40	16.20	16.00	11.82	11.20
31800	Sweet Potato Fertilizer.....	Baltimore.	1.64	2.00	2.88	3.00	1.63	10.04	10.00	10.48	11.00
31894	Sweet Potato Fertilizer.....	Baltimore.	.....	.....	1.76	3.00	1.00	7.38	8.00	20.10	22.00
31617	Twelve and Two Brand.....	Baltimore.	.....	.....	3.03	3.00	1.30	11.39	12.00	11.75	12.40
31658	Vegetable & Fruit Grower.....	Baltimore.	2.03	2.00	.....	.....	1.75	8.53	8.00	23.41	22.00
H. S. Taveau & Co., Baltimore, Md.											
31633	Allerton Guano.....	Baltimore.	1.74	2.00	2.60	2.50	1.18	9.10	9.00	21.73	22.00
31898	Ammoniated Bone Compound.....	Baltimore.	1.93	2.00	3.08	3.00	1.70	7.77	8.00	22.33	22.00
31592	Dissolved S. C. Bone.....	Baltimore.	.....	.....	.....	.....	1.18	13.83	14.00	9.92	9.80

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton Found.	Comparative Value Per Ton Guaranteed.		
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
H. S. Taveau & Co., Baltimore, Md.												
31780	Florida Phosphate.....	Baltimore.....	9.03	10.00	3.02	3.00	1.03	.....	14.48	14.00	\$10.35	\$9.80
31527	Guano 10%.....	Baltimore.....	2.20	1.50	3.22	2.00	1.15	.....	5.59	5.00	48.21	51.00
31597	Pride of Maryland.....	Baltimore.....	.....	.....	2.20	2.00	1.30	.....	9.43	10.00	25.19	20.00
31823	Pride of Virginia.....	Baltimore.....	.....	.....	2.20	2.00	1.48	.....	11.35	12.00	12.65	12.40
31634	Special Compound.....	Baltimore.....	.....	.....	2.04	2.00	.55	.....	12.20	12.00	12.73	12.40
31801	Special Compound No. 2.....	Baltimore.....	1.03	1.00	1.82	2.00	1.60	.....	8.01	8.00	16.41	16.00
31576	Strawberry Top Dressing.....	Baltimore.....	5.15	5.00	2.34	2.50	.65	.....	5.25	4.00	30.79	29.00
Thomas & Co., Frederick, Md.												
31743	Crop Grower.....	Derwood.....	1.19	1.00	1.72	1.00	1.98	.....	9.82	8.00	18.81	14.00
31755	Walker's Mixture.....	Gaithersburg.....	1.16	1.00	1.78	1.50	1.13	.....	9.18	9.00	17.83	16.00
I. P. Thomas & Son Co., Philadelphia, Pa.												
31900	H. G. Potato Compound.....	Annapolis.....	3.36	3.50	2.06	2.00	.95	.....	11.05	11.00	28.99	29.00
31727	Irish Potato Compound.....	Stockton.....	4.88	5.00	4.98	5.00	1.30	.....	6.78	7.00	36.66	37.00
31901	Special Potato Fertilizer.....	Annapolis.....	2.03	2.00	3.50	3.00	.88	.....	9.72	10.00	26.19	24.00
31728	Sweet Potato Fertilizer.....	Delmar.....	1.93	2.00	3.50	3.00	1.10	.....	9.71	10.00	24.87	24.00
31902	Tip Top Guano.....	Annapolis.....	2.87	3.00	1.90	2.00	1.28	.....	10.63	10.00	26.42	26.00
31729	Truck & Potato Manure.....	Delmar.....	4.69	5.00	3.46	3.00	1.35	.....	8.53	5.00	34.75	31.00
Wm. B. Tilghman Co., Salisbury, Md.												
31608	Acid Phosphate.....	Berlin.....	.....	.....	.....	.....	.28	.....	15.23	14.00	10.72	9.80
31660	Fish, Bone & Potash.....	Riverton.....	1.25	1.00	2.84	2.00	.48	.....	10.50	10.00	21.37	18.00
31584	H. G. Early Truck Guano.....	Pocomoke City.....	5.02	5.00	5.82	5.00	.95		7.64	7.00	39.74	37.00

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31609	Mixture "B".....	Newark.....	4.04	4.00	4.70	4.00	80	7.28	7.00	\$33.16	\$31.00
31883	Rev. Fish for Sweet Potatoes..	Salisbury.....	2.18	2.00	3.30	3.00	1.23	8.97	8.00	24.78	22.00
31557	7%.....	Pocomoke City.....	7.03	7.00	6.24	5.00	.85	5.80	6.00	46.74	44.00
31557	7%.....	Pocomoke City.....	7.03	7.00	6.33	5.00	.88	6.01	6.00	47.08	44.00
31865	Special Early Truck Guano.....	Preston.....	5.17	5.00	4.38	3.00	1.05	7.03	7.00	36.89	33.00
31661	Spec. Fish for Sweet Potatoes..	Salisbury.....	1.84	2.00	5.18	5.00	1.28	8.73	8.00	26.96	26.00
31884	Special Mixture (Low Grade).....	Stockton.....	.43	.33	2.05	2.00	1.15	10.56	12.00	16.84	17.32
31885	Special Potato Fertilizer.....	Bivalve.....	2.87	3.00	2.14	3.00	1.43	9.22	7.00	35.55	25.00
31838	Special Tomato Mixture.....	Salisbury.....	2.12	2.00	3.22	3.00	1.20	9.19	8.00	24.59	22.00
31880	Standard Fish Mixture.....	Parsonsburg.....	2.53	2.00	2.74	2.00	1.00	8.45	8.00	24.45	22.00
31610	Tuscarora Fertilizer Co., Baltimore, Md.										
31794	Acid Phosphate.....	Baltimore.....					35	14.04	14.00	9.90	9.80
31577	Acid Phosphate.....	Baltimore.....					63	16.06	16.00	11.37	11.20
31689	Crop Grower.....	Baltimore.....	1.25	1.00	2.14	2.00	.55	8.02	8.00	17.52	16.00
31648	Farmers Choice.....	Baltimore.....	1.02	1.00	3.03	3.00	.58	9.19	9.00	19.54	19.00
31795	Farmers Choice.....	Baltimore.....	1.02	1.00	2.78	3.00	.70	9.34	9.00	19.26	19.00
31551	5-8-3.....	Baltimore.....	5.27	5.00	3.48	3.00	.55	7.67	8.00	35.93	34.00
31539	4-8-3.....	Baltimore.....	3.75	4.00	2.90	3.00	1.03	7.90	8.00	29.11	30.00
31578	Nitrate of Soda.....	Baltimore.....	19.09	18.00							
31820	Phosphate & Potash.....	Baltimore.....			2.20	2.00	.60	11.78	12.00	12.77	12.40
31690	Phosphate & Potash.....	Baltimore.....			2.12	2.00	.48	10.55	10.00	11.73	11.00
31830	Standard Phosphate.....	Baltimore.....	1.84	2.00	2.14	2.00	1.35	8.28	8.00	20.46	20.00
	J. E. Tygart Co., Philadelphia, Pa.										
31618	Acid Phosphate.....	Baltimore.....					1.02	14.03	14.00	10.02	9.80
31713	Golden Harvest Phos. (L. Gr.).....	Baltimore.....	.58	.50	2.20	2.00	.85	8.02	8.00	15.08	14.00
31598	Revised 7% Potato Guano.....	Baltimore.....	6.77	7.00	3.36	3.00	1.13	5.80	6.00	40.05	40.00
31831	Potato & Truck Manure.....	Baltimore.....	3.57	4.00	3.12	3.00	2.20	8.73	10.00	30.13	32.00
31604	Soluble Phosphate & Potash.....	Baltimore.....			2.16	2.00	.78	10.06	10.00	11.52	11.00
31772	Spec. Potato & Tomato Guano.....	Perryman.....	2.53	2.50	2.74	3.00	1.20	8.20	8.00	24.28	24.00
31605	Standard Fertilizer.....	Baltimore.....	2.03	2.00	2.08	2.00	1.15	8.02	8.00	20.76	20.00
	J. Tyson & Son, Frederick, Md.										
31868	Corn & Potato Fertilizer.....	Frederick Junc.....	1.02	1.00	1.34	2.00	.88	8.51	8.00	15.62	16.00
	E. S. Valliant & Sons, Church Hill, Md.										
31803	Acid Phosphate.....	Chestertown.....					1.43	11.64	14.00	8.44	9.80
31922	Acid Phosphate.....	Baltimore.....					1.05	14.86	14.00	10.61	9.80
31635	Acid Phosphate.....	Baltimore.....					.98	15.02	16.00	10.71	11.20
31528	Big Crop Producer.....	Baltimore.....	2.01	2.00	2.74	3.00	.70	9.95	10.00	23.75	24.00

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.			Comparative Value Per Ton	Comparative Value Per Ton Guaranteed.	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.				
E. S. Valliant & Son, Church Hill, Md.												
31611	General Crop Mixture.....	Whaleyville.....	1.06	1.00	1.70	1.00	.58	.....	7.82	8.00	\$15.69	\$14.00
31804	H. G. Truck Guano.....	Prices.....	5.58	7.00	2.60	3.00	.78	.....	9.85	8.00	37.68	42.00
31851	1-8-2.....	Cambridge.....	1.04	1.00	2.05	2.00	.80	.....	8.01	8.00	16.59	16.00
31805	1-9-3.....	St. Michaels.....	1.11	1.00	2.78	3.00	.85	.....	9.22	9.00	19.56	19.00
31529	Spring Guano.....	Baltimore.....	3.17	4.00	3.22	3.00	.65	.....	8.67	8.00	28.05	30.00
31908	Spring Guano.....	Baltimore.....	3.17	4.00	2.90	3.00	.68	.....	8.29	8.00	27.04	30.00
31530	Tomato Guano.....	Baltimore.....	2.24	2.00	2.03	2.00	.60	.....	7.91	8.00	21.17	20.00
31920	Truck Compound.....	Baltimore.....	3.21	3.00	3.08	3.00	.63	.....	9.02	10.00	28.27	28.00
31852	2-8-3.....	Golden Hill.....	2.06	2.00	3.03	3.00	.95	.....	8.20	8.00	22.88	22.00
W. H. Valliant & Bro., Bellevue, Md.												
31878	Crab Phosphate (Low Gr.).....	Easton.....	4.30	3.00	.....	.....	*2.95	*2.00	.....	.....	18.68	13.00
31903	Crab Phosphate (Low Gr.).....	Bellevue.....	4.13	3.00	.....	.....	*2.93	*2.00	.....	.....	17.99	13.00
Virginia-Carolina Chemical Co., Richmond, Va.												
31759	Acid Phosphate 14%.....	Emmitsburg.....	.....	.....	.....	.....	1.90	.....	14.04	14.00	10.21	9.80
31895	Acid Phosphate 16%.....	Baltimore.....	.....	.....	.....	.....	1.25	.....	16.41	16.00	11.74	11.20
31600	Fish, Bone & Potash.....	Baltimore.....	2.08	2.00	3.02	3.00	1.60	1.00	7.88	8.00	22.88	22.40
31935	Great Truck & Veg't'ble Comp.	Aberdeen.....	4.06	4.00	3.24	3.00	1.00	1.00	8.88	8.00	31.70	30.40
31760	1-9-3.....	Emmitsburg.....	.96	1.00	3.18	3.00	1.23	.....	9.24	9.00	19.93	19.00
31531	Peerless Bone & Pot. (L. G.).....	Baltimore.....	.....	.....	2.46	2.00	1.35	.....	7.88	8.00	10.71	9.60
31909	Peerless Bone & Pot. (L. G.).....	Baltimore.....	.....	.....	2.10	2.00	1.40	.....	8.05	8.00	10.12	9.60
31710	Royal Compound.....	Baltimore.....	2.93	3.00	3.12	3.00	1.16	1.00	8.09	8.00	26.51	26.40

FERTILIZER ANALYSES.

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31722	Soluble Alkaline Compound.....	Baltimore.			2.46	2.00	1.75		11.77	\$12.00	\$13.51	12.40
31761	Standard Bone & Potash.....	Emmitsburg.	.....	.....	1.83	2.00	1.63	.....	10.36	10.00	11.34	11.00
31762	Standard Corn & Grain Gro (L. G.)	Hancock.	.....	.50	1.80	2.00	1.20	1.00	8.36	8.00	14.88	14.40
31773	Standard Crop Grower.....	Aberdeen.	.....	2.47	2.34	2.00	.83	1.00	8.40	8.00	23.29	20.40
31853	Standard Grain Grower.....	Secretary.	.....	1.01	1.83	2.00	1.35	.....	8.18	8.00	16.52	16.00
31785	Wheat & Clover Mixture.....	Baltimore.	.....	1.04	2.10	2.00	1.25	1.00	9.34	9.00	18.20	17.40
S. L. Webster & Son, Cambridge, Md.												
31699	Farmers Wonder.....	Hurlock.	.....	.....	1.64	2.00	.93	.....	11.89	10.00	11.79	11.00
31700	Fish & Potash Compound.....	Williamsport.	.....	2.06	2.54	3.00	1.35	.....	9.73	8.00	23.59	22.00
31806	Fish, Bone & Potash.....	Trappe.	.....	.90	1.36	1.00	.....	.....	10.43	11.00	17.47	17.00
31807	Fish Mixture.....	Trappe.	.....	1.69	2.02	2.00	.95	.....	8.57	8.00	19.75	18.00
31854	Our No. 1.....	Cambridge.	.....	2.39	1.56	2.00	4.70	.....	9.85	10.00	24.41	24.00
31821	Our No. 2.....	Baltimore.	.....	1.83	2.08	2.00	.83	.....	9.95	8.00	21.76	20.00
31870	Our Royal Trucker.....	Cambridge.	.....	2.88	3.10	3.00	1.45	.....	10.06	9.00	28.36	27.00
31663	Pea, Bean & Truck Guano.....	Vienna.	.....	2.35	2.24	2.50	1.20	.....	11.39	8.00	25.75	23.00
Westminster Fertilizer Co., Westminster, Md.												
31871	Governor.....	Westminster.	.....	1.28	2.24	2.50	1.10	.....	9.60	9.00	19.64	20.00
31872	Leader.....	Westminster.	.....	.94	1.14	1.50	.70	.....	8.18	8.00	14.50	15.00
31861	Super-A.....	Tyrone.	.....	1.11	1.08	1.00	1.05	.....	8.40	8.00	15.42	14.00
H. W. Whistler, Bel Air, Md.												
31458	Buyers Mixture.....	Bel Air (C. C. H. C.).	.....	2.04	2.50	3.00	.45	.....	10.01	10.00	23.35	24.00
31774	Crop Grower.....	Bel Air.	.....	1.53	1.92	2.00	.63	.....	9.54	8.00	19.75	18.00
31775	Dissolved Bone.....	Bel Air.	.....	2.03	.....	.....	1.75	.....	11.94	12.00	20.76	20.00
F. M. Wilson & Co., Pocomoke City, Md.												
31874	Favorite Truck Fertilizer.....	Pocomoke City.	.....	4.06	.....	.....	1.68	.....	11.29	9.00	28.20	25.00
Wiseman, Downs Co., Baltimore, Md.												
31542	Wisdom Br'd Blood, Bone & Pot.	Baltimore.	.....	5.15	2.92	3.00	1.43	.....	8.03	8.00	35.03	34.00
31711	Wisdom Br'd General Crop Gro.	Baltimore.	.....	1.88	1.72	2.00	3.05	.....	8.15	8.00	20.33	20.00
31636	Wisdom Br'd Spec. Potato Gro.	Baltimore.	.....	2.17	3.30	3.00	1.15	.....	10.02	10.00	25.76	24.00
Rob't A. Wooldridge Co., Baltimore, Md.												
31776	Animal Base with Potash.....	Perryman.	.....	2.03	3.62	3.00	*11.08	*11.00	.....	.....	20.90	19.50
31693	Basic Lime Phosphate.....	Centerville.	.....	.....	.....	.....	1.05	1.00	13.03	13.00	9.33	9.30
31659	Champion Stag Phosphate.....	Baltimore.	.....	.72	1.76	2.00	.....	.....	9.44	9.00	16.38	17.00
31694	Chieftain Phosphate.....	Centerville.	.....	2.03	2.36	2.00	1.33	.....	8.03	8.00	21.60	20.00
31763	Farmers F. C. Comp. Spec (L. G.)	Loys.	.....	.68	2.02	2.00	.85	.....	8.12	8.00	15.22	14.00
31936	Florida Acid Phosphate.....	Baltimore.	.....	.....	.....	.....	1.25	.....	14.07	14.00	10.10	9.80

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Senders initials when not Sampled by the College Agent.)	NITROGEN Calculated as AMMONIA.		POTASH. K ₂ O.		PHOSPHORIC ACID.		Comparative Value Per Ton		Comparative Value Per Ton Guaranteed.	
			Found.	Guaranteed.	Found.	Guaranteed.	Insoluble.	Available.	Found.	Guaranteed.		
Rob't A. Wooldridge Co., Baltimore, Md.												
31516	German Potash Mixture.....	Baltimore.	.....	.....	2.46	2.00	.85	.....	10.12	10.00	\$12.17	\$11.00
31558	Golden Crown.....	Beaver Dam.	.....	7.00	5.24	5.00	.88	.....	6.13	6.00	45.04	44.00
31742	H. G. Acid Phosphate.....	Baltimore.	.....	.....	.....	.....	1.68	.....	15.62	16.00	11.27	11.20
31666	H. G. Amm'd Pot. Fert. Spec.	Baltimore.	2.82	3.00	3.08	3.00	1.25	.....	8.43	9.00	26.37	27.00
31685	H. G. Dissolved Animal Bone.	Baltimore.	2.51	2.50	.....	.....	2.08	.....	12.86	12.00	23.73	22.00
31568	Liberty Bell Pot. Mix. Spec.	Baltimore.	.....	.....	2.04	2.00	1.28	.....	12.03	12.00	12.76	12.40
31937	No. 1 Phos & Pot. Spec. (L. G.)	Baltimore.	.....	.....	1.12	1.00	.98	.....	10.13	10.00	9.57	9.00
31517	Old Sledge Phosphate Spec.	Baltimore.	.....	.....	2.06	2.00	.68	.....	13.43	14.00	13.66	13.80
31649	Raw Bone.....	Baltimore.	4.52	4.50	.....	.....	*20.40	*21.51	.....	.....	28.28	28.76
31518	Sovereign Truckee Special.....	Baltimore.	5.10	5.00	3.08	3.00	1.38	.....	7.77	8.00	34.88	34.00
31695	Spec. Double Quick Pure B Phos	Centerville.	2.90	2.75	3.16	3.00	.53	.....	8.57	8.00	26.70	25.00
31844	Spec. Double Quick Pure B Phos	Baltimore.	2.77	2.75	2.94	3.00	1.94	.....	8.02	8.00	25.76	25.00
31637	Spec. Potato & Tob. Fert.-Rev.	Baltimore.	2.34	2.00	3.16	3.00	1.43	.....	9.35	10.00	25.63	24.00
31606	Sweep Stakes Sure Shot Tr. Ph.	Baltimore.	3.75	4.00	2.94	3.00	.....	.....	9.23	10.00	30.85	32.00
31607	Triumph Brand Phos. Spec.	Baltimore.	1.69	1.50	3.02	3.00	1.33	.....	7.68	8.00	21.01	20.00
31667	Tuckahoe Bone Meal.....	Baltimore.	2.85	3.00	.....	.....	*13.02	*13.73	.....	.....	17.91	18.87
Wooldridge Fertilizer Co., Baltimore, Md.												
313737	Clover Leaf Crop Gro. (L. Gr.)..	Germentown.	.56	.50	.66	.50	.63	.50	8.68	8.00	12.49	11.20
31569	Curacao Guano.....	Baltimore.	.....	.....	.....	.....	11.35	12.00	6.07	9.00	6.52	8.70
31809	H. G. Potato & Tomato Grower	Baltimore.	1.67	2.00	2.94	3.00	.75	.50	9.64	9.00	23.50	23.20
31616	Tiger Phosphate.....	Baltimore.	.....	1.25	2.78	2.00	.48	.50	8.88	9.00	19.95	18.20
31788	Virginia Belle.....	Germentown.	1.83	1.25	2.04	2.00	.75	.50	11.68	12.00	12.41	12.50

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